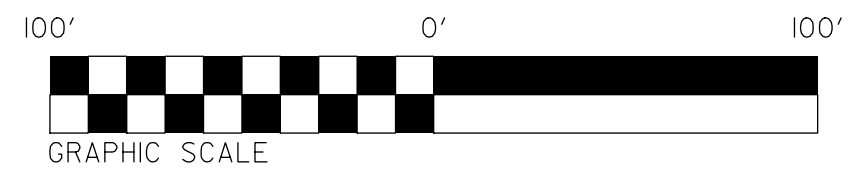


DENOTES TEMPORARY IMPACTS IN SURFACE WATER  
 DENOTES IMPACTS IN SURFACE WATER



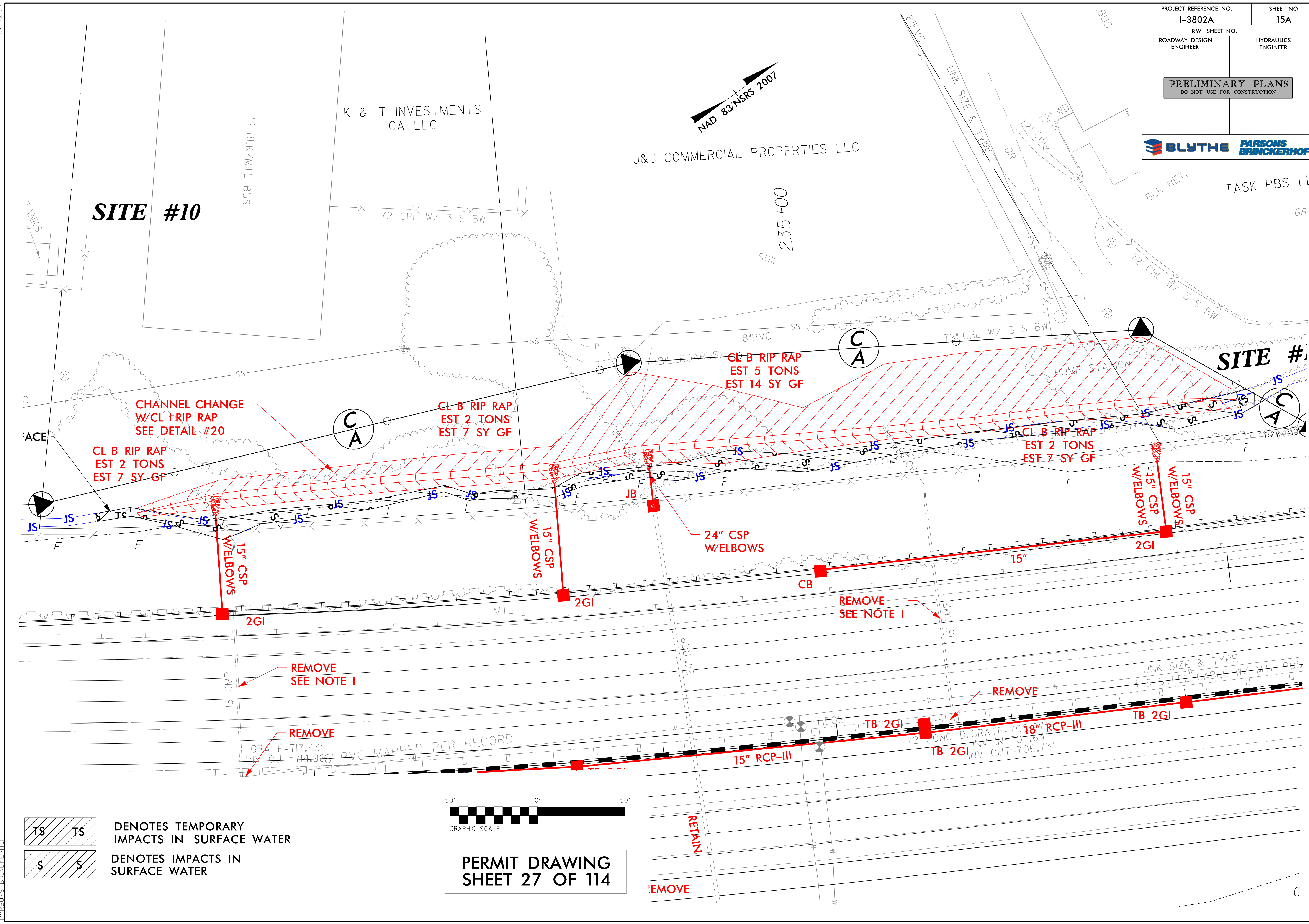
**PERMIT DRAWING  
SHEET 26 OF 114**

8/17/99  
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 PARSONS BRINCKERHOFF

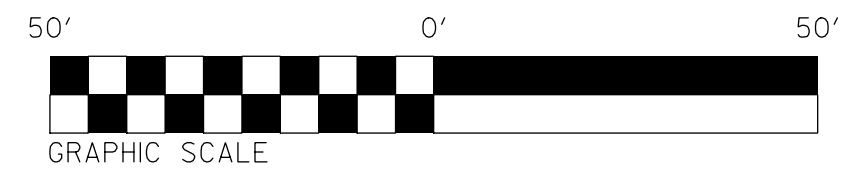


PROJECT REFERENCE NO. I-3802A	SHEET NO. 15A
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	

8/17/99  
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 1/28/2015 1:51:26 PM  
 PARSONS BRINCKERHOFF



DENOTES TEMPORARY IMPACTS IN SURFACE WATER  
 DENOTES IMPACTS IN SURFACE WATER



**PERMIT DRAWING  
SHEET 27 OF 114**

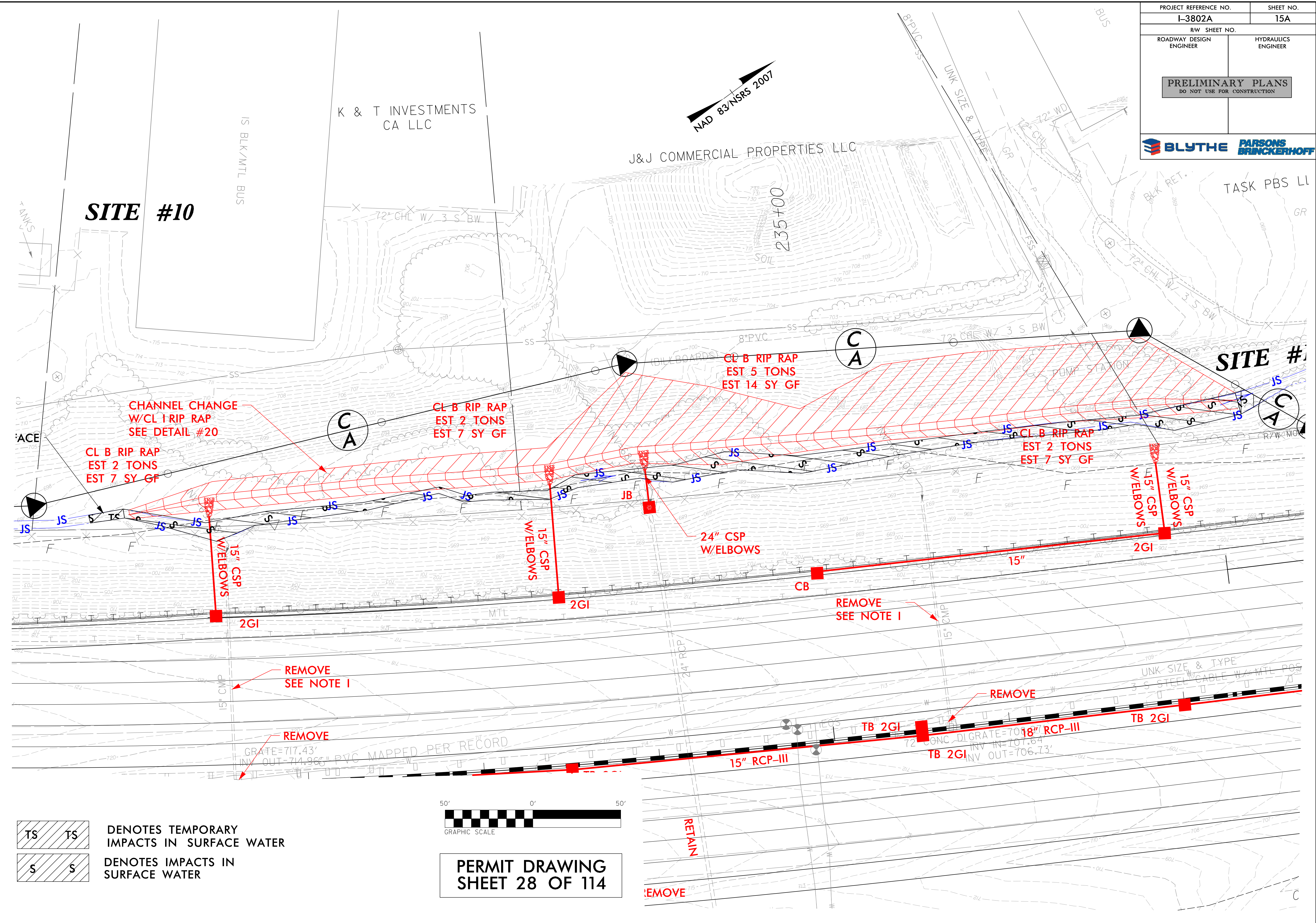
REMOVE  
 RETAIN

C

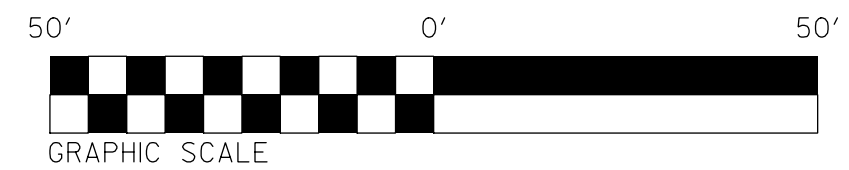


PROJECT REFERENCE NO. I-3802A	SHEET NO. 15A
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	

8/17/99  
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 PARSONS BRINCKERHOFF



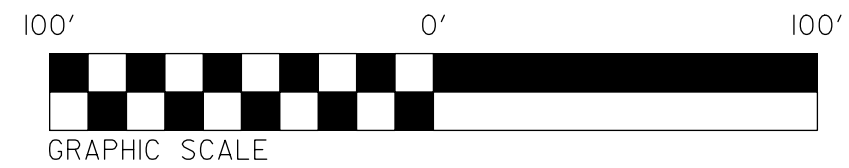
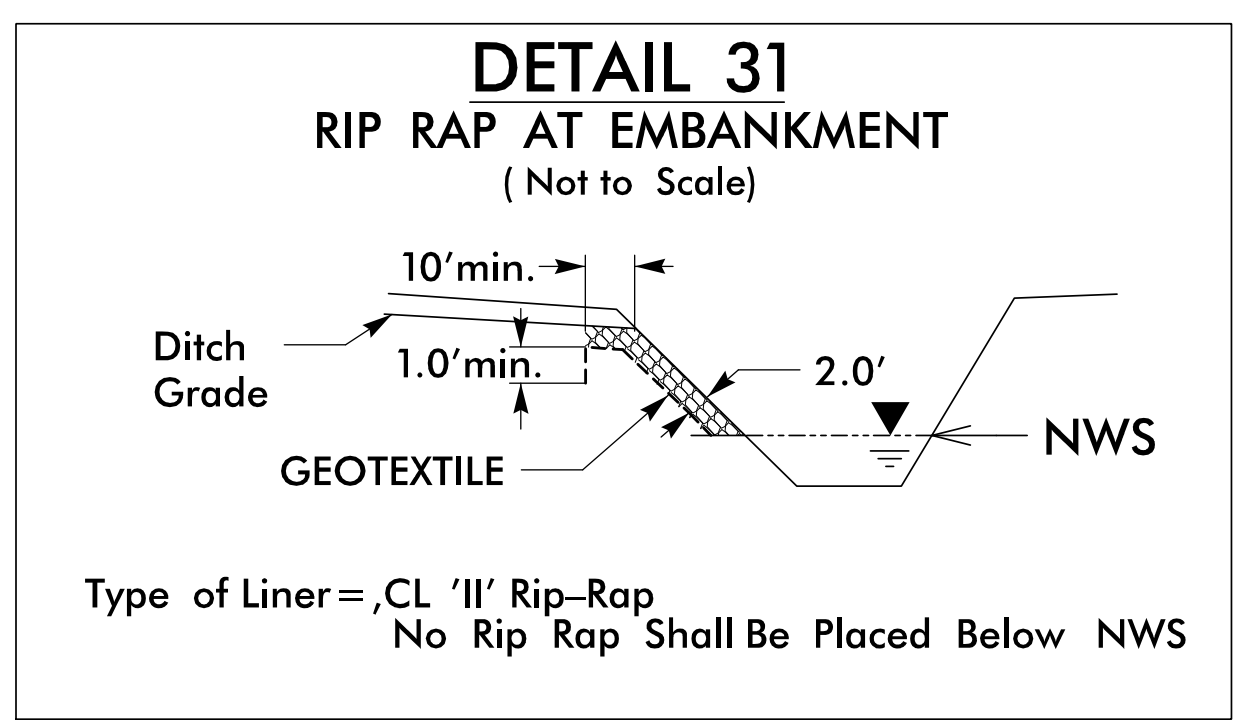
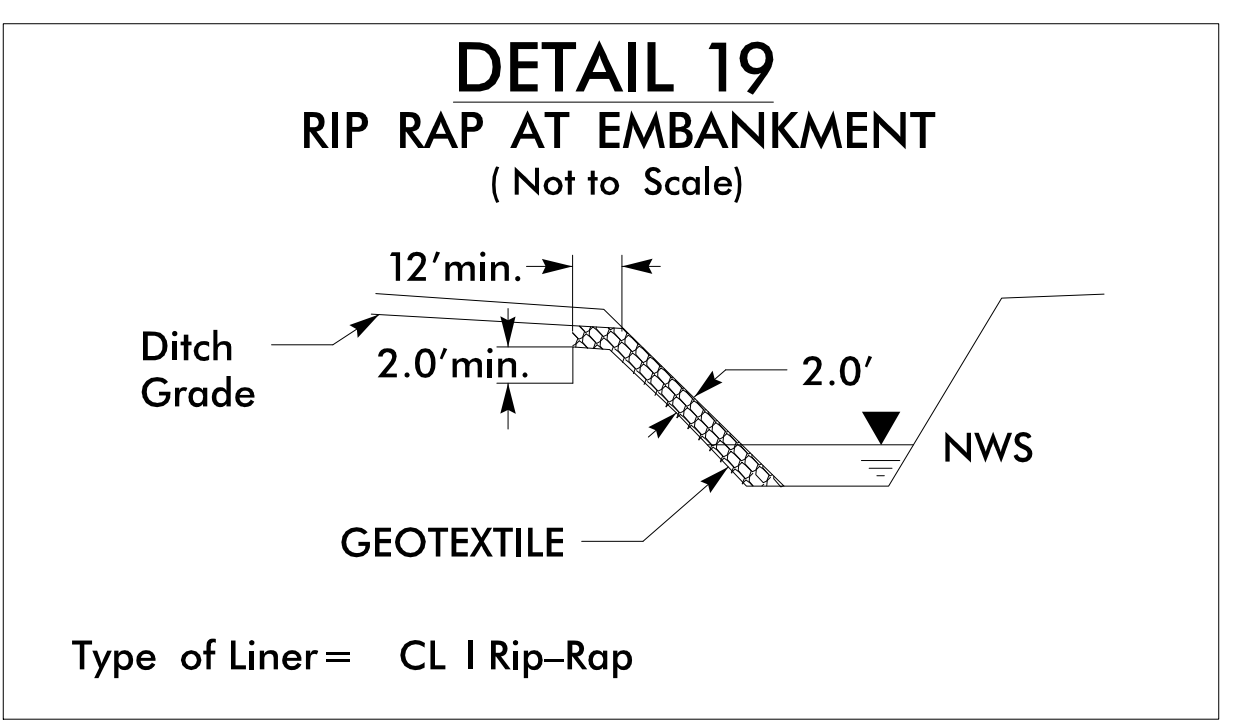
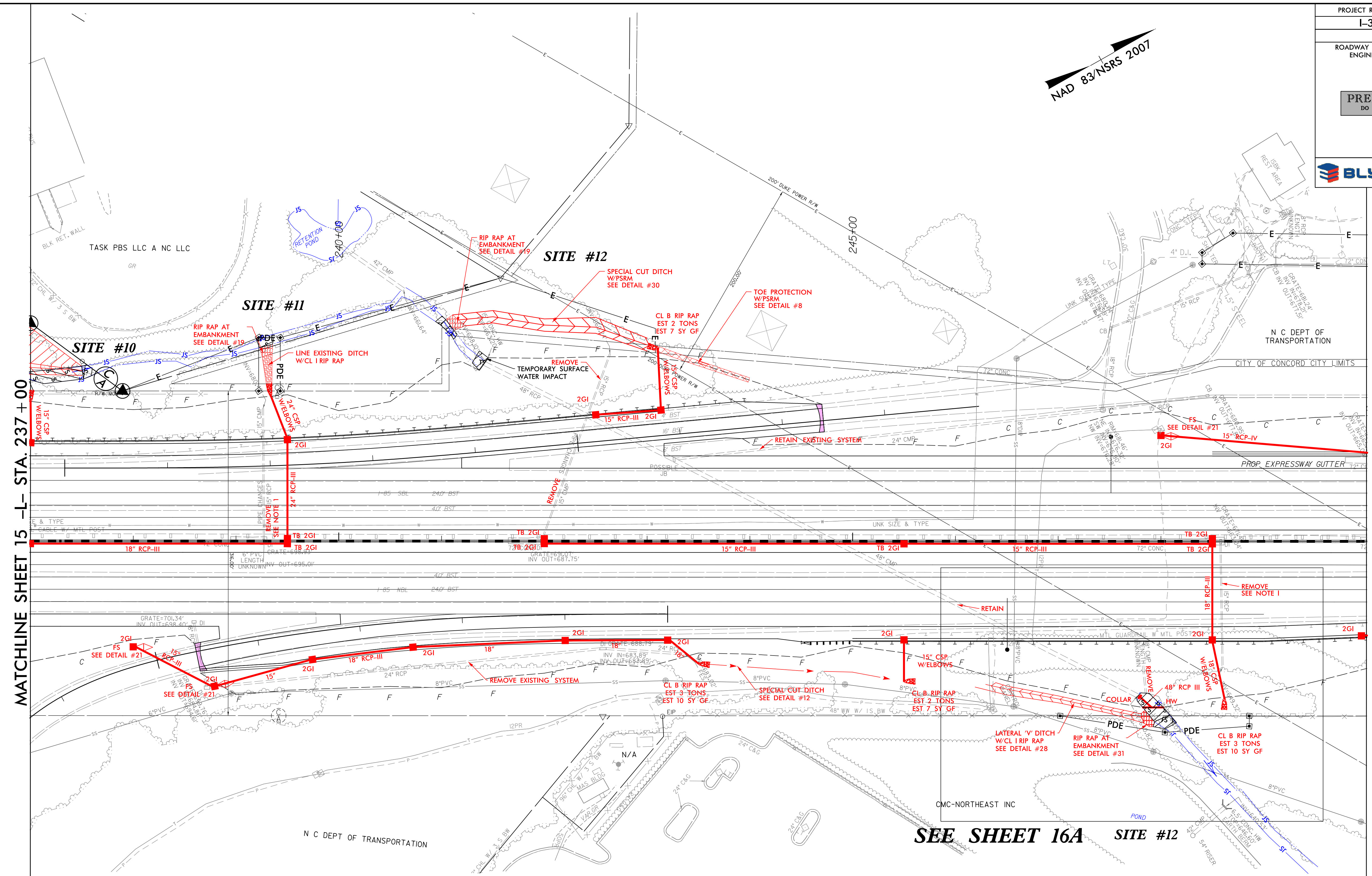
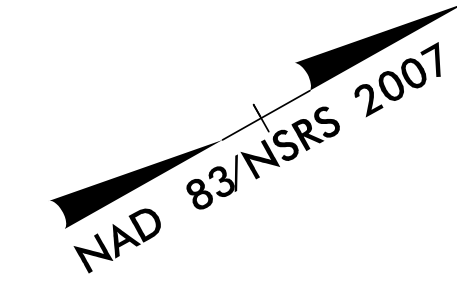
DENOTES TEMPORARY IMPACTS IN SURFACE WATER  
 DENOTES IMPACTS IN SURFACE WATER



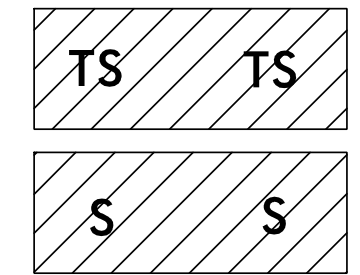
**PERMIT DRAWING  
SHEET 28 OF 114**

REMOVE  
RETAIN



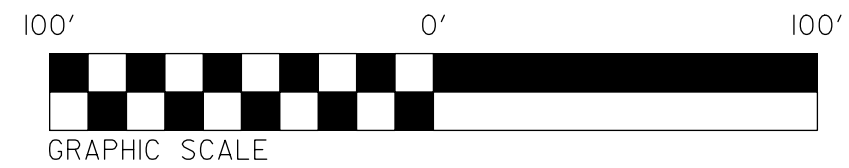
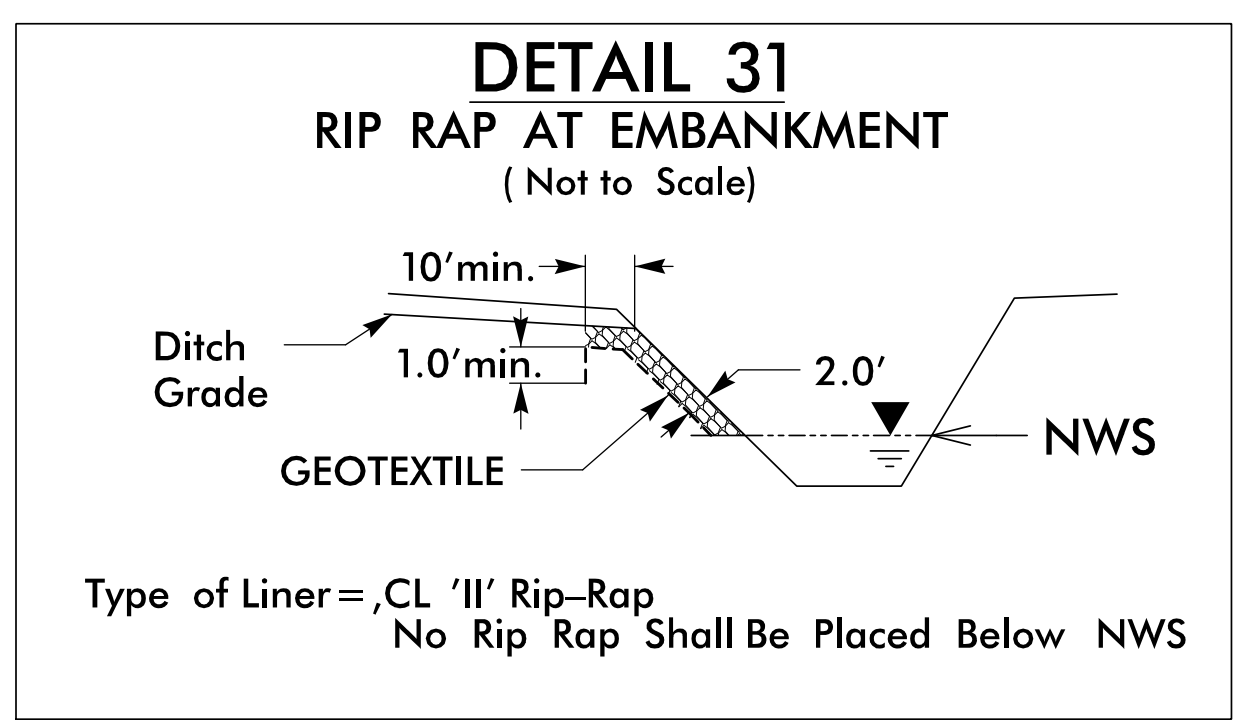
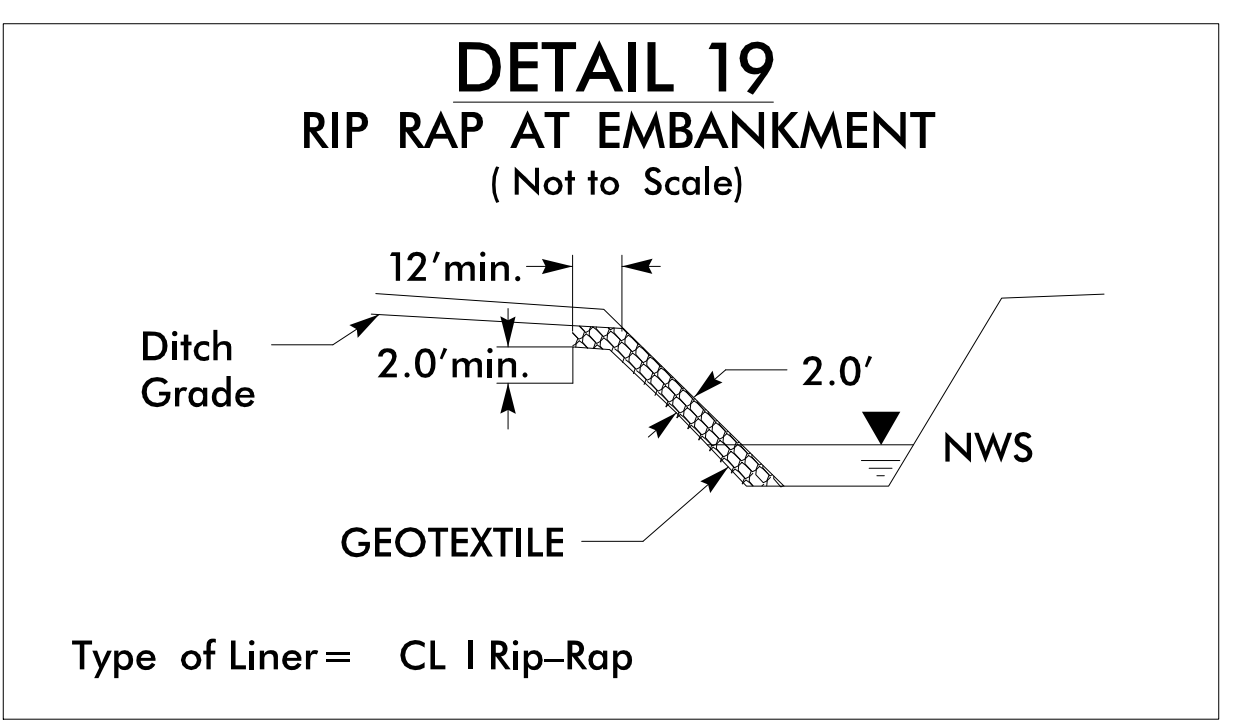
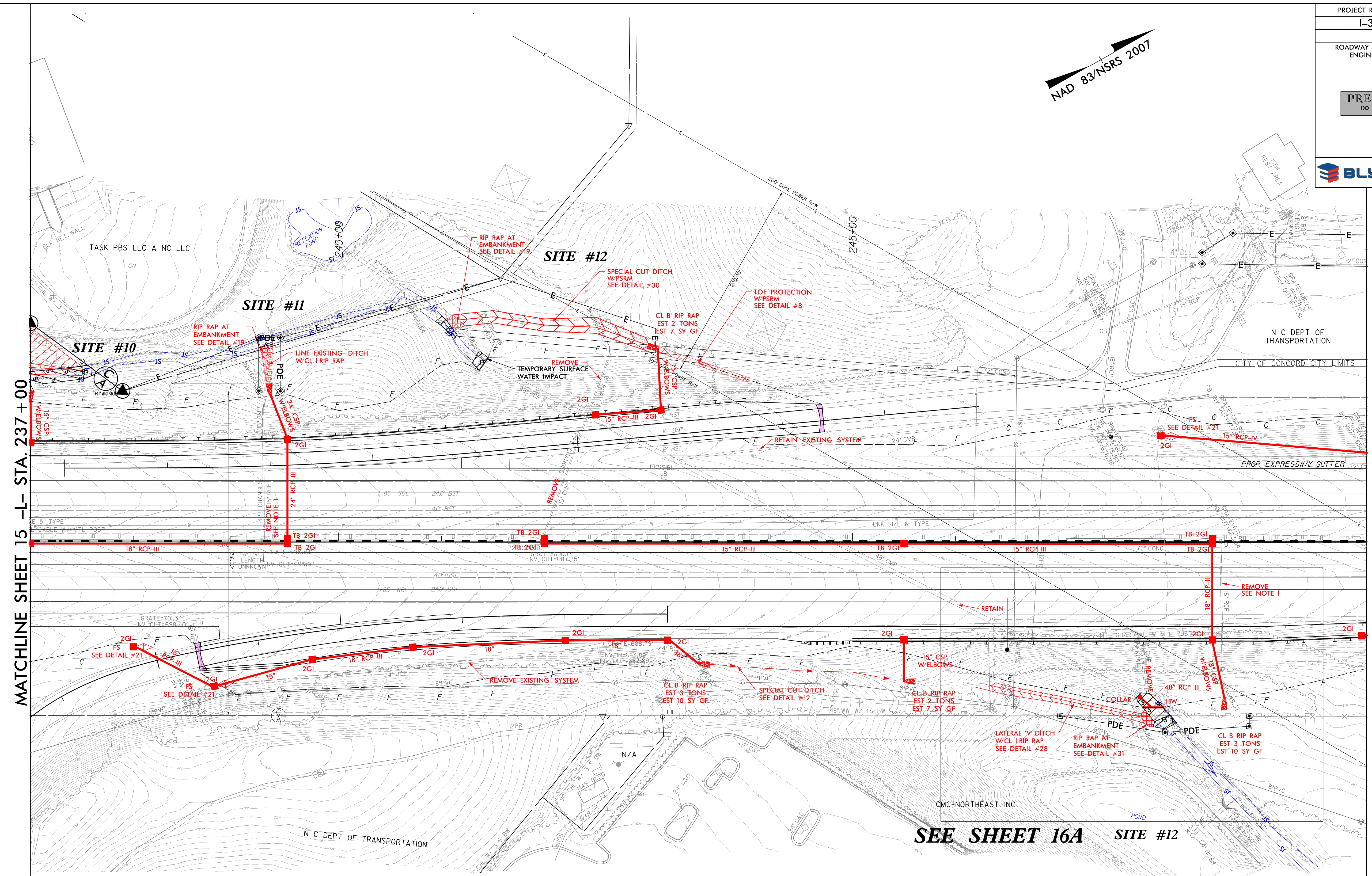
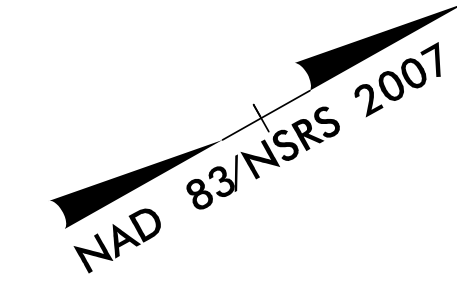


**PERMIT DRAWING**  
**SHEET 29 OF 114**

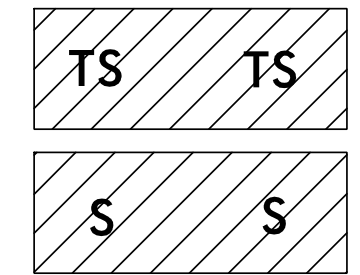


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1/28/2015  
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PARSONS BRINCKERHOFF





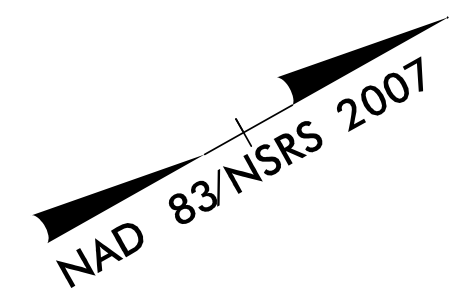
**PERMIT DRAWING**  
**SHEET 30 OF 114**



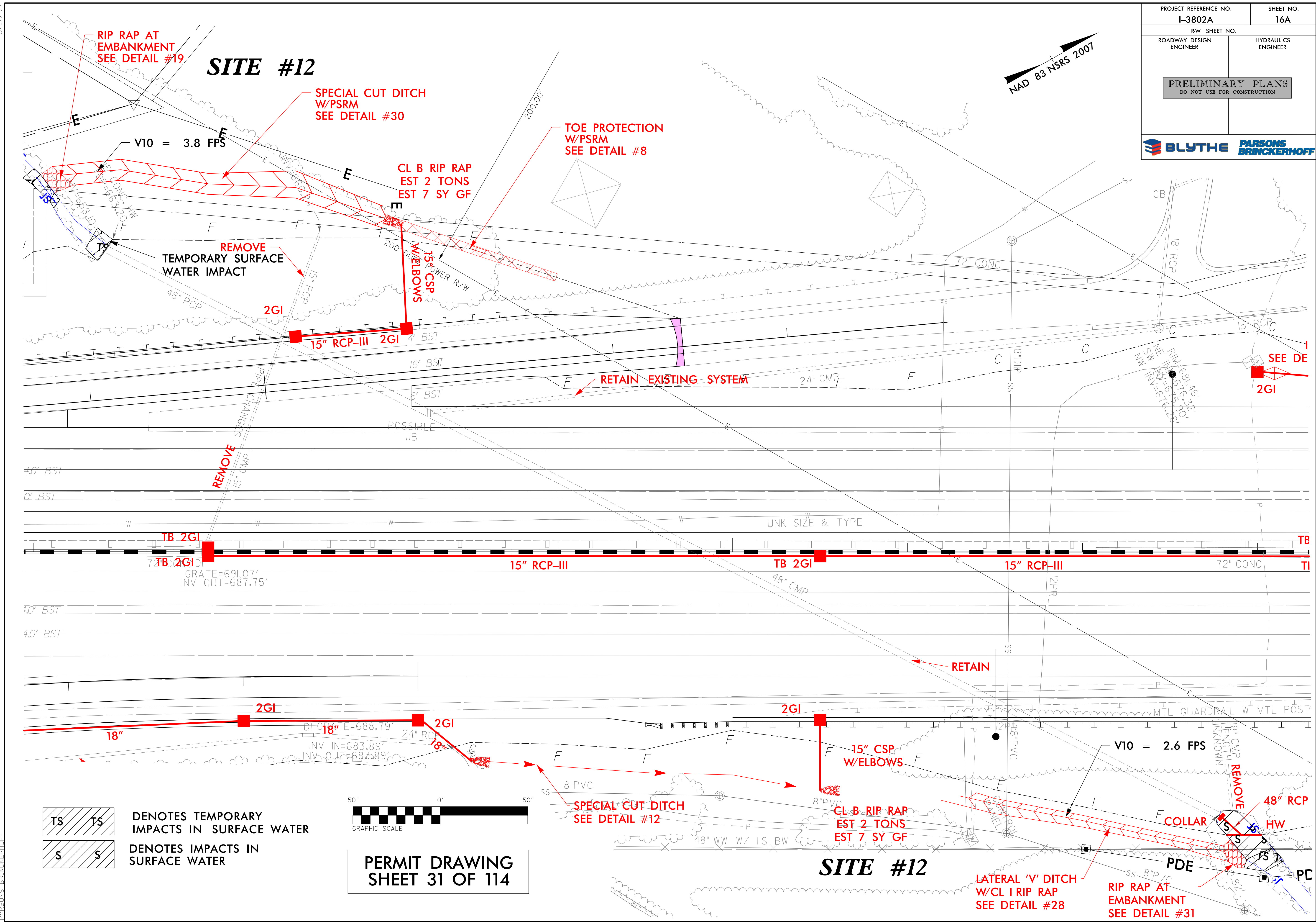
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PARSONS BRINCKERHOFF



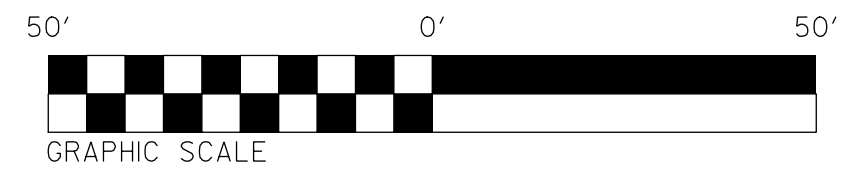
PROJECT REFERENCE NO. <b>I-3802A</b>	SHEET NO. <b>16A</b>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	
<b>BLYTHE PARSONS BRINCKERHOFF</b>	



# SITE #12



DENOTES TEMPORARY IMPACTS IN SURFACE WATER  
 DENOTES IMPACTS IN SURFACE WATER



**PERMIT DRAWING SHEET 31 OF 114**

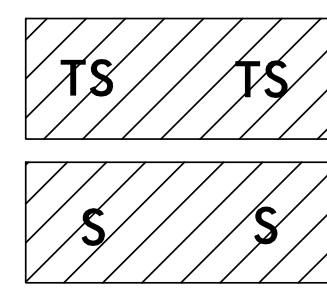
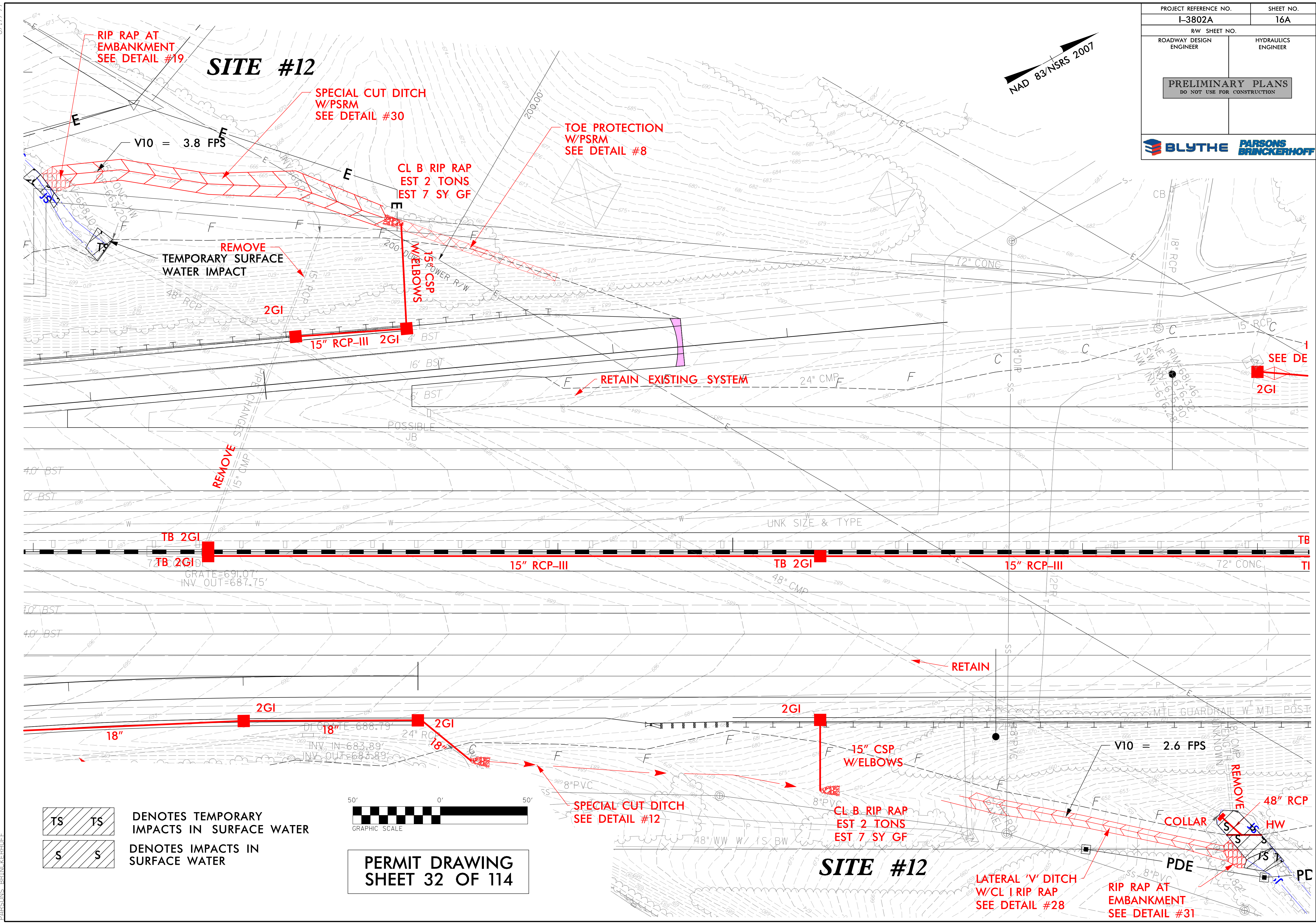
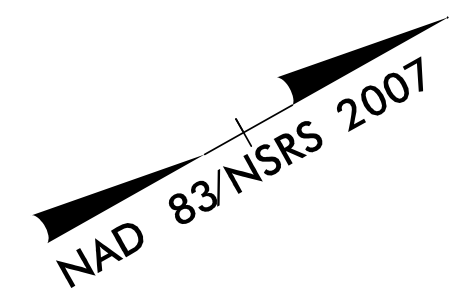
# SITE #12

LATERAL 'V' DITCH W/CL I RIP RAP SEE DETAIL #28  
 RIP RAP AT EMBANKMENT SEE DETAIL #31

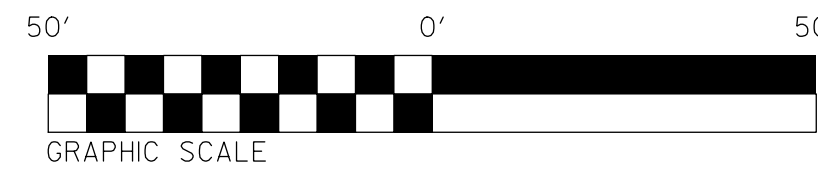
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 PARSONS BRINCKERHOFF



PROJECT REFERENCE NO. I-3802A	SHEET NO. 16A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	



**TS** DENOTES TEMPORARY IMPACTS IN SURFACE WATER  
**S** DENOTES IMPACTS IN SURFACE WATER



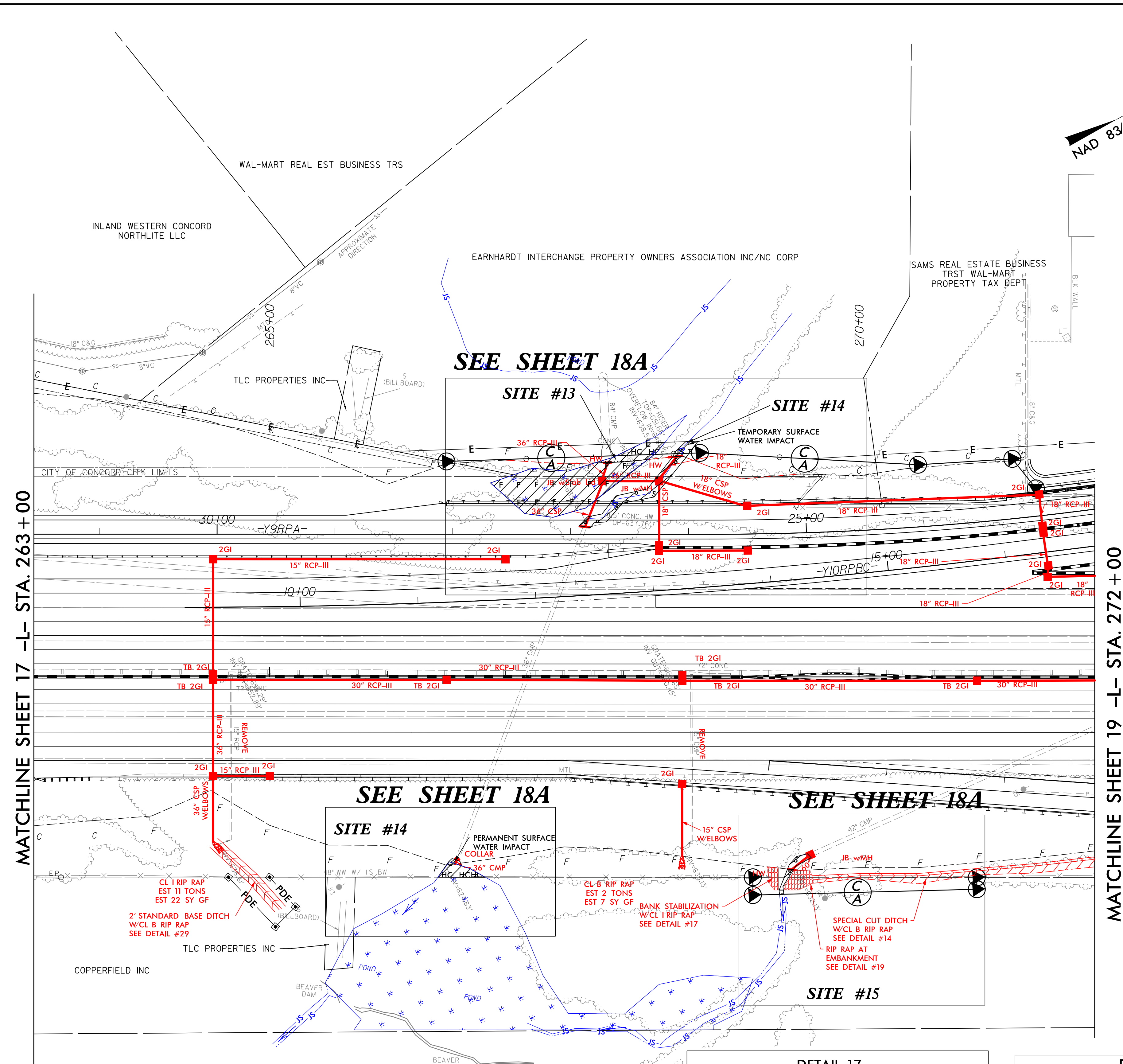
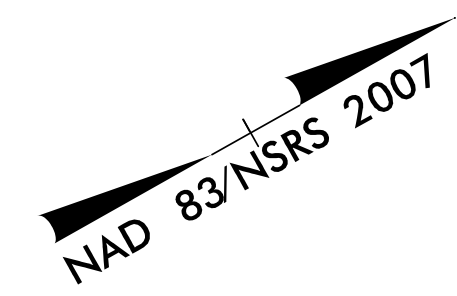
**PERMIT DRAWING SHEET 32 OF 114**

8/17/99  
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 PARSONS BRINCKERHOFF



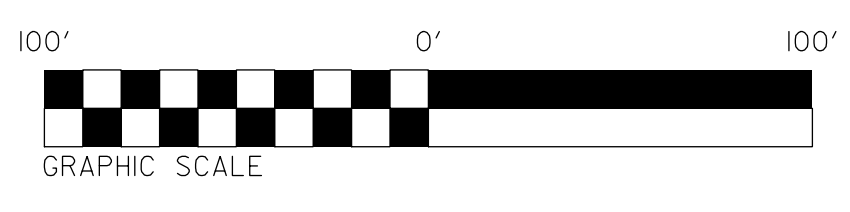
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 1/26/2015 1:51:26 PM  
 PARSONS BRINCKERHOFF

PROJECT REFERENCE NO. <b>I-3802A</b>	SHEET NO. <b>18</b>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	



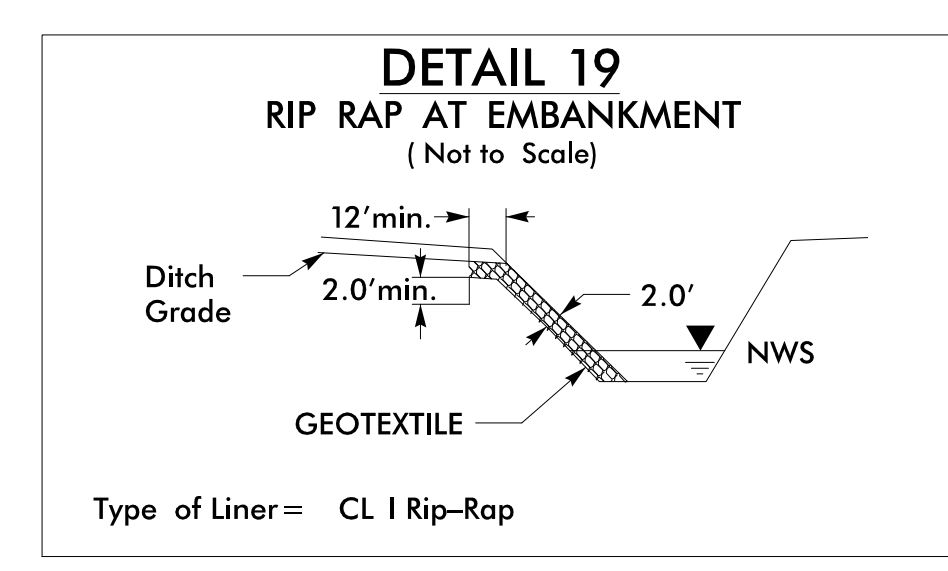
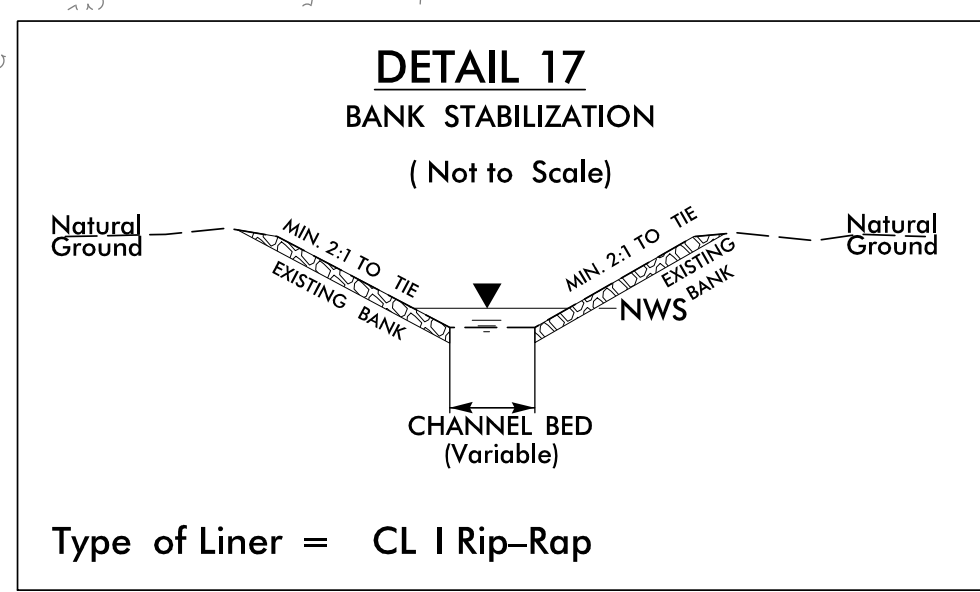
MATCHLINE SHEET 17 -L- STA. 263 + 00

MATCHLINE SHEET 19 -L- STA. 272 + 00

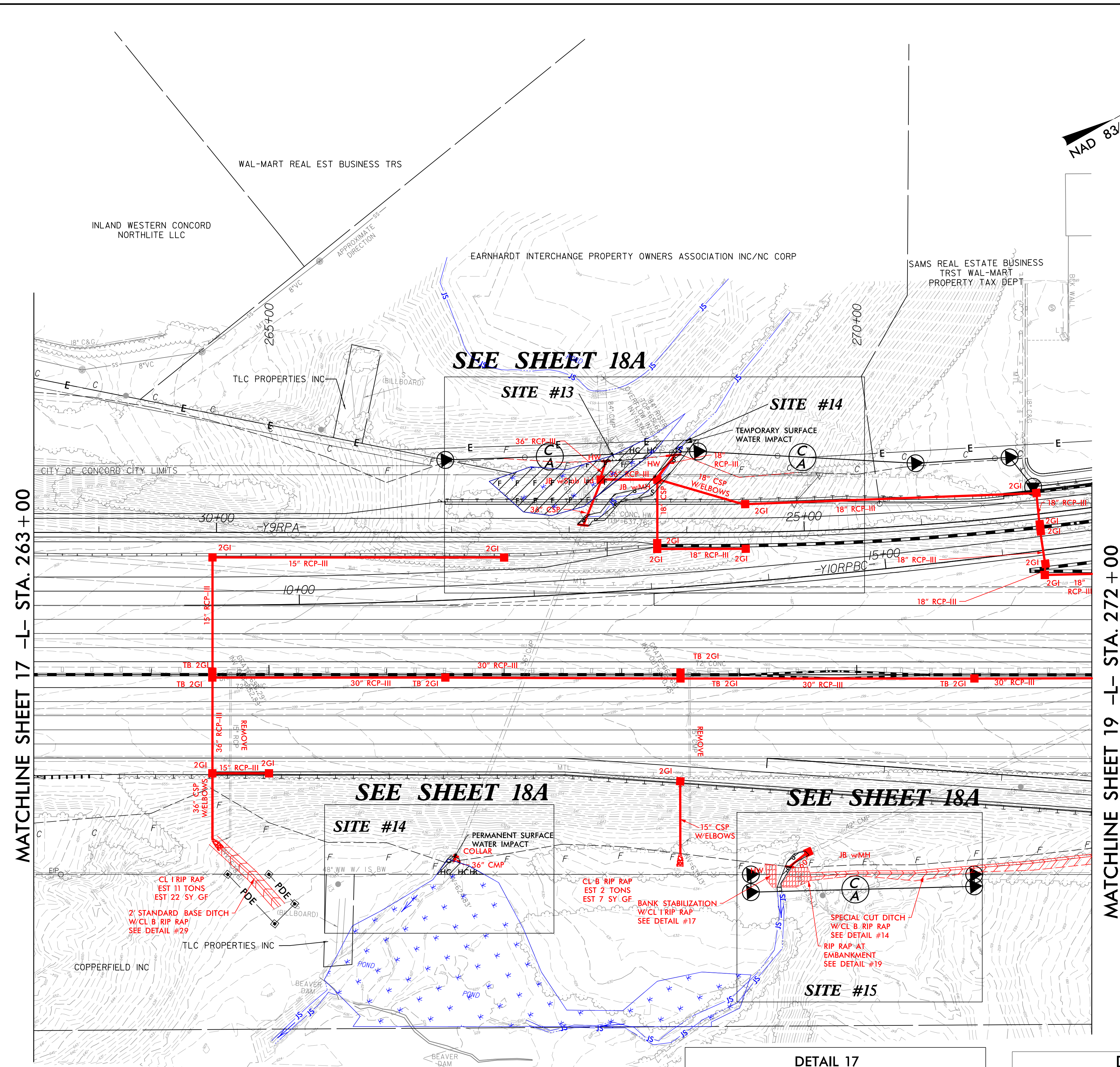
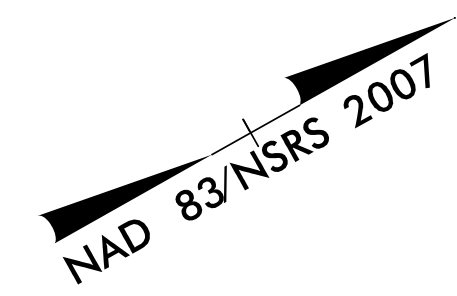


**PERMIT DRAWING  
SHEET 33 OF 114**

- |  |           |  |
|--|-----------|--|
|  | <b>F</b>  | DENOTES FILL IN WETLAND                    |
|  | <b>HC</b> | DENOTES HAND CLEARING                      |
|  | <b>TS</b> | DENOTES TEMPORARY IMPACTS IN SURFACE WATER |
|  | <b>S</b>  | DENOTES IMPACTS IN SURFACE WATER           |

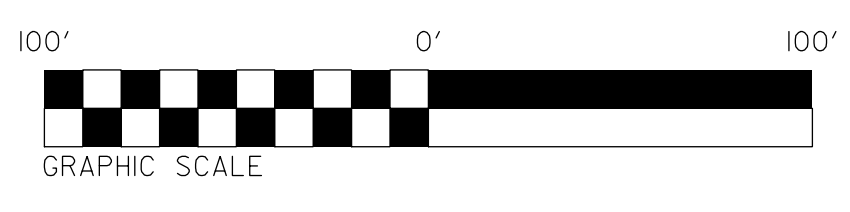






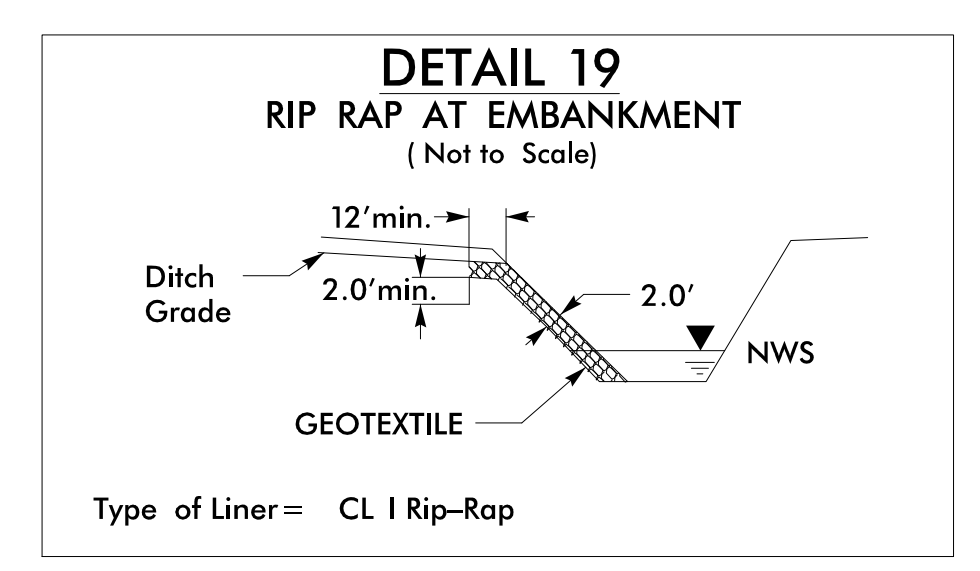
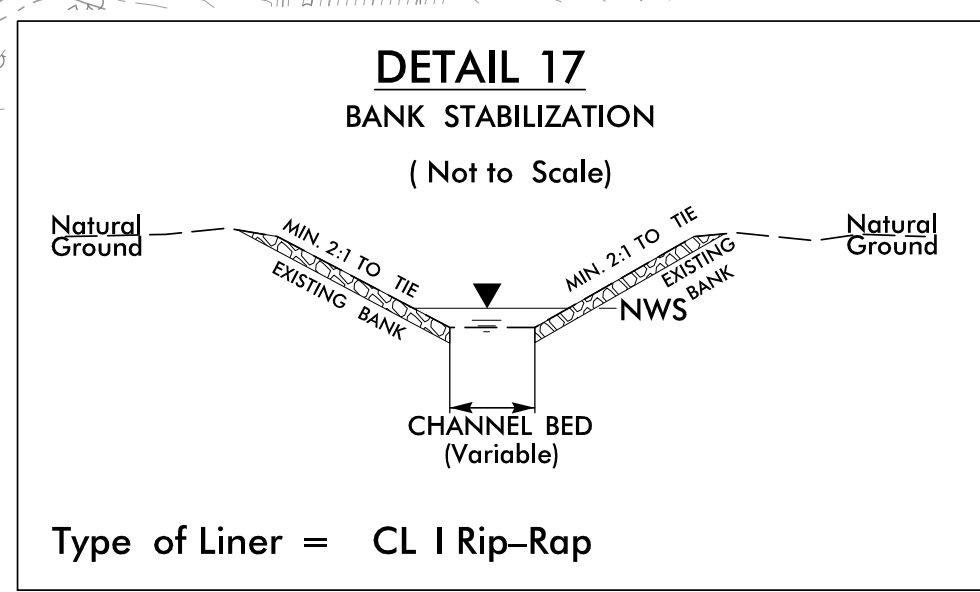
MATCHLINE SHEET 17 -L- STA. 263 + 00

MATCHLINE SHEET 19 -L- STA. 272 + 00



**PERMIT DRAWING  
SHEET 34 OF 114**

- |       |  |
|-------|--|
| F F   | DENOTES FILL IN WETLAND                    |
| HC HC | DENOTES HAND CLEARING                      |
| TS TS | DENOTES TEMPORARY IMPACTS IN SURFACE WATER |
| S S   | DENOTES IMPACTS IN SURFACE WATER           |

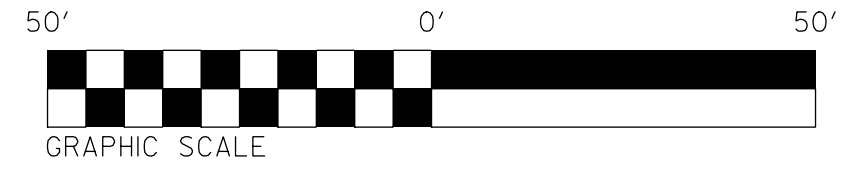
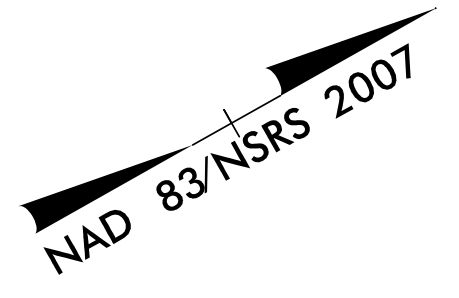


8/17/99  
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PARSONS BRINCKERHOFF



8/17/99  
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1/28/2015 1:51:26 PM  
PARSONS BRINCKERHOFF

- F F DENOTES FILL IN WETLAND
- HC HC DENOTES HAND CLEARING
- TS TS DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- S S DENOTES IMPACTS IN SURFACE WATER

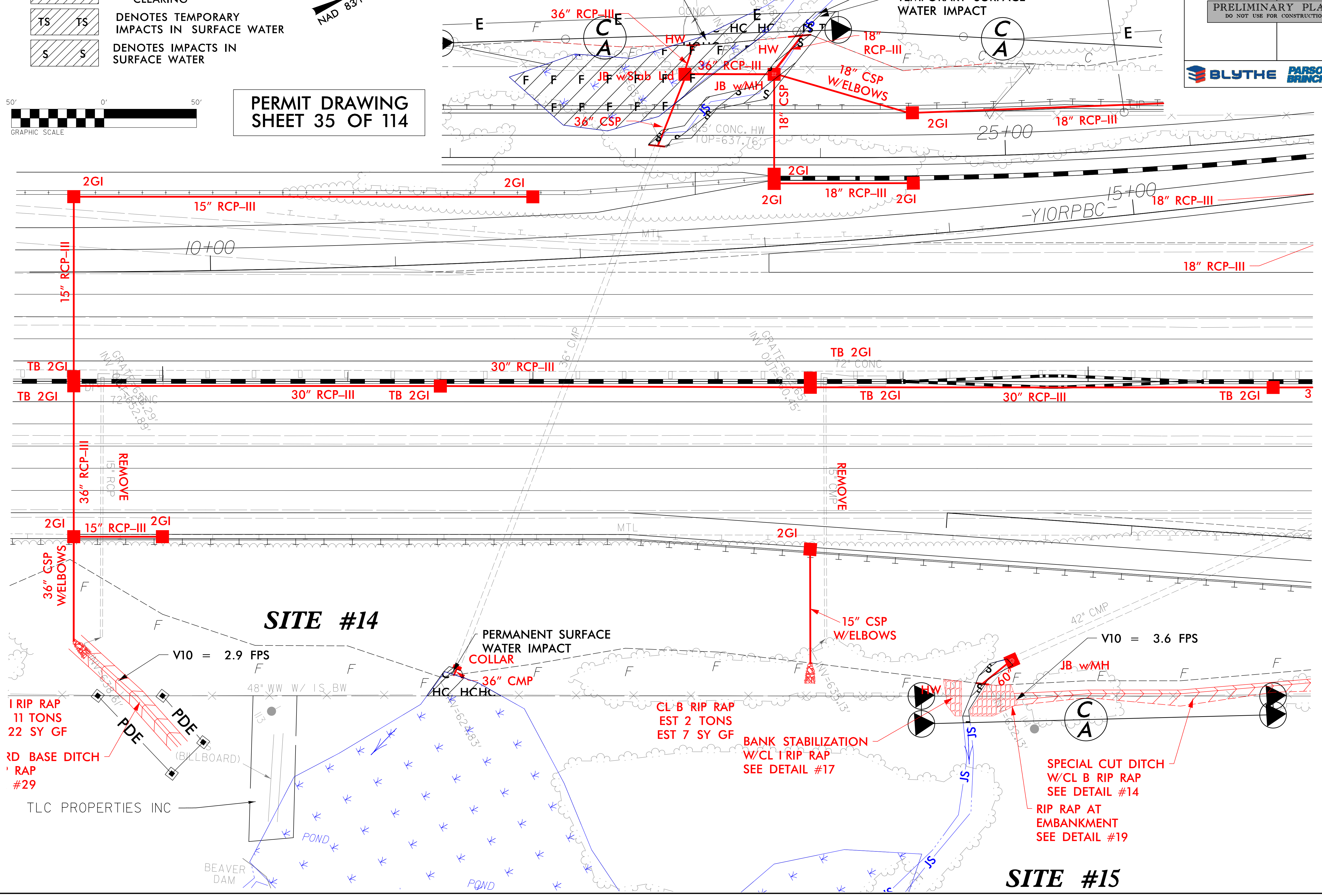


PERMIT DRAWING  
SHEET 35 OF 114

**SITE #13**

**SITE #14**

PROJECT REFERENCE NO. I-3802A	SHEET NO. 18A
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
BLYTHE PARSONS BRINCKERHOFF	



1 RIP RAP  
11 TONS  
22 SY GF  
RD BASE DITCH  
' RAP  
#29  
TLC PROPERTIES INC

CL B RIP RAP  
EST 2 TONS  
EST 7 SY GF

BANK STABILIZATION  
W/CL I RIP RAP  
SEE DETAIL #17

SPECIAL CUT DITCH  
W/CL B RIP RAP  
SEE DETAIL #14

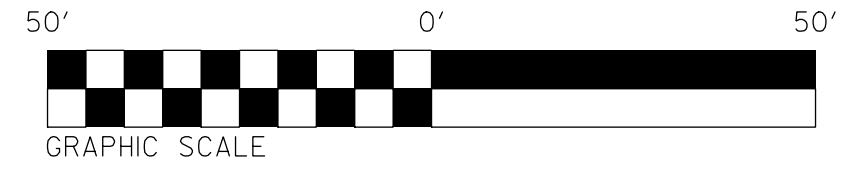
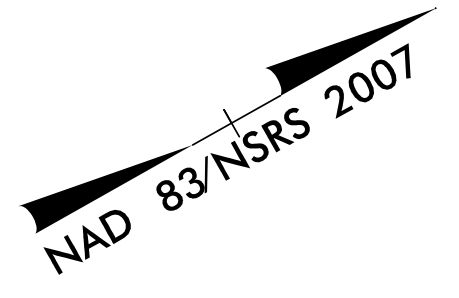
RIP RAP AT  
EMBANKMENT  
SEE DETAIL #19

**SITE #15**

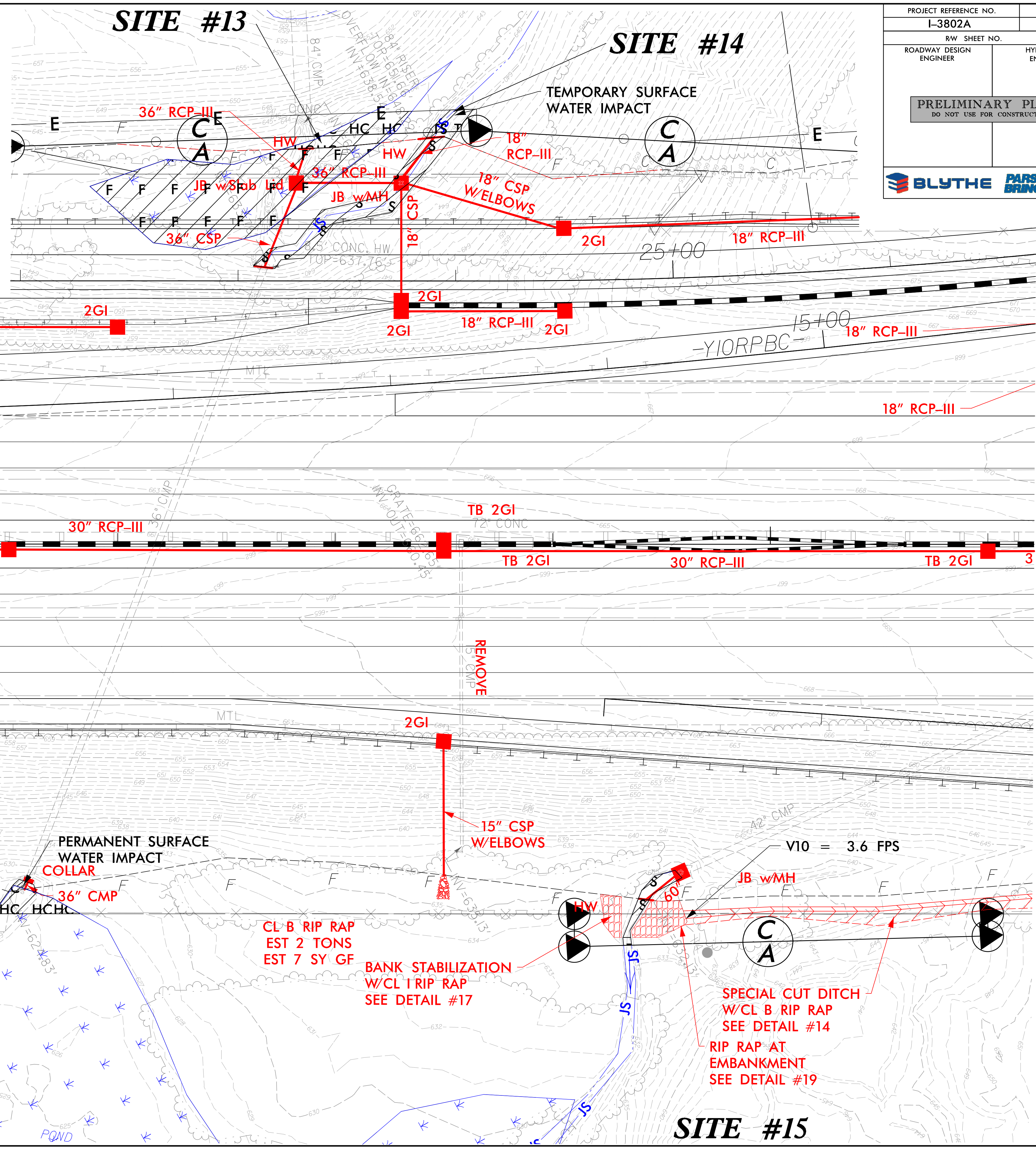


PROJECT REFERENCE NO. I-3802A	SHEET NO. 18A
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	

- DENOTES FILL IN WETLAND
- DENOTES HAND CLEARING
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES IMPACTS IN SURFACE WATER



**PERMIT DRAWING  
SHEET 36 OF 114**



1 RIP RAP  
 11 TONS  
 22 SY GF  
 RD BASE DITCH  
 RAP  
 #29  
 TLC PROPERTIES INC  
 BEAVER DAM  
 POND  
 POND  
 PDE  
 PDE  
 (BILLBOARD)

CL B RIP RAP  
 EST 2 TONS  
 EST 7 SY GF

BANK STABILIZATION  
 W/CL B RIP RAP  
 SEE DETAIL #17

SPECIAL CUT DITCH  
 W/CL B RIP RAP  
 SEE DETAIL #14

RIP RAP AT  
 EMBANKMENT  
 SEE DETAIL #19

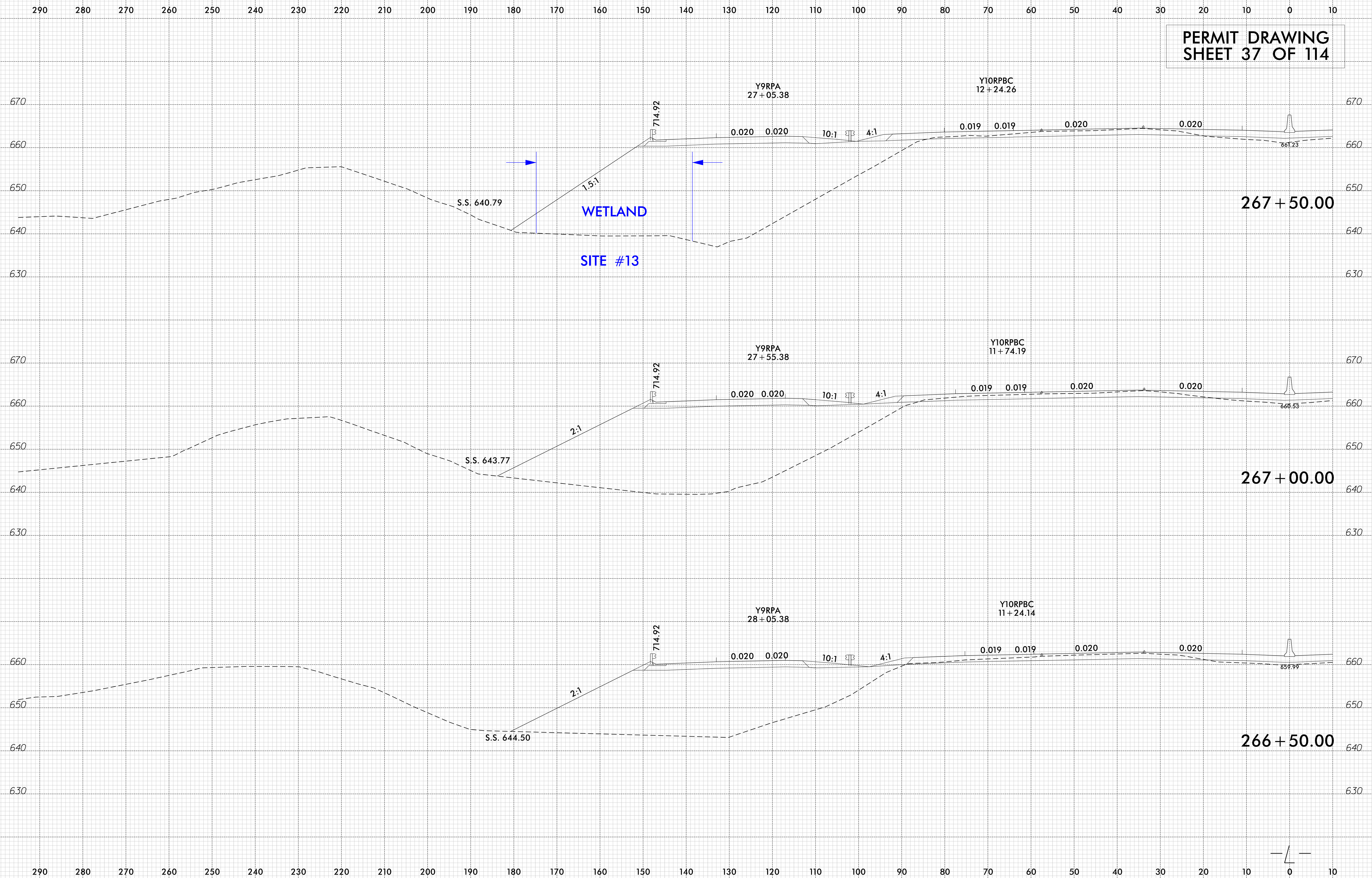
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 PARSONS BRINCKERHOFF



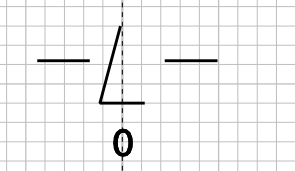
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3802A	X-105

**PERMIT DRAWING  
SHEET 37 OF 114**

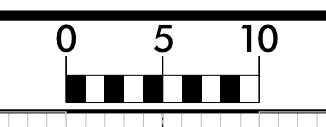


SYSTEMS  
 CONSULTING  
 ENGINEERS  
 INC.  
 1111  
 11TH  
 AVENUE  
 SUITE 100  
 DENVER,  
 CO 80202  
 (303) 733-8800  
 WWW.SCEI.COM



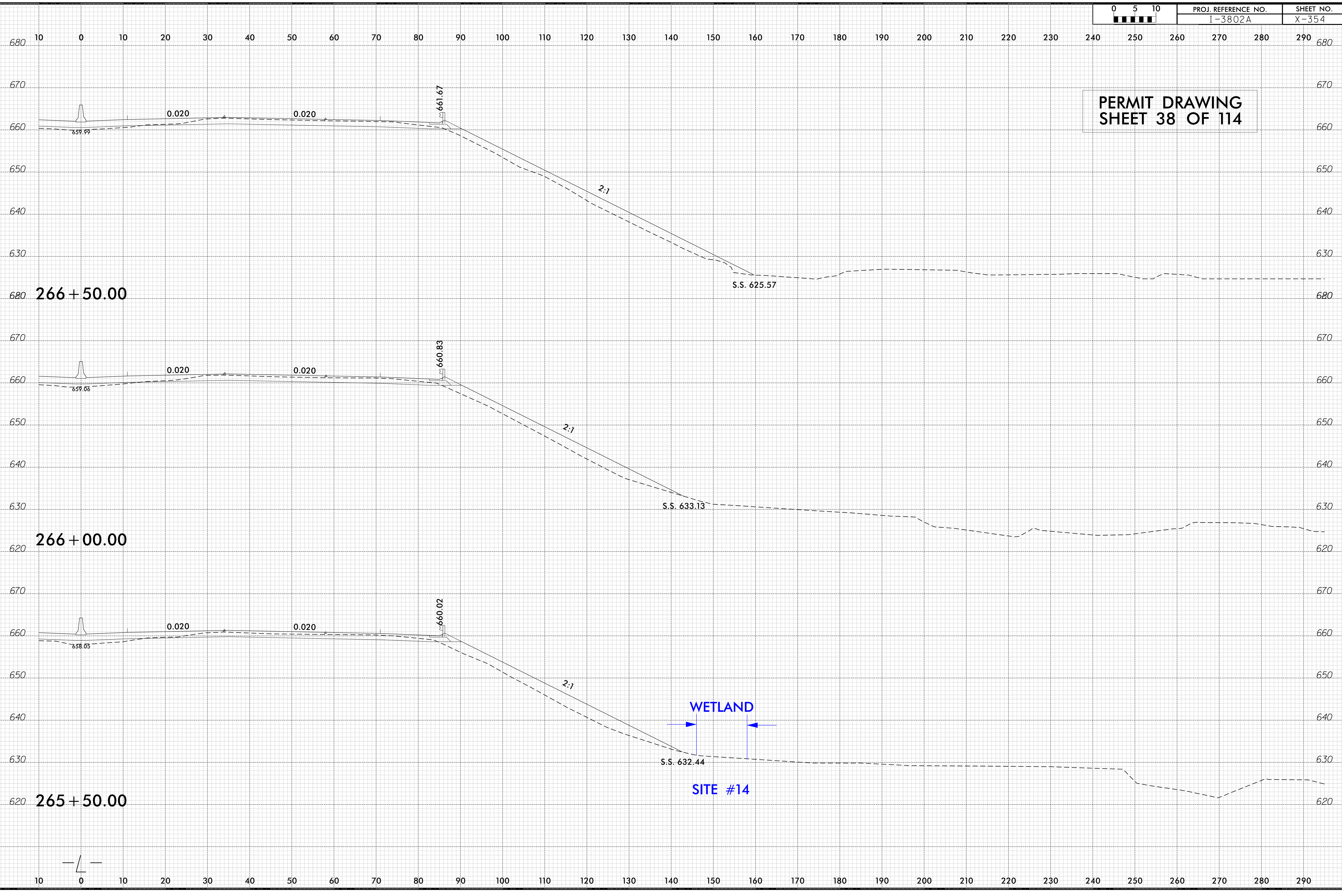


8/23/99



PROJ. REFERENCE NO.	SHEET NO.
I-3802A	X-354

PERMIT DRAWING  
SHEET 38 OF 114



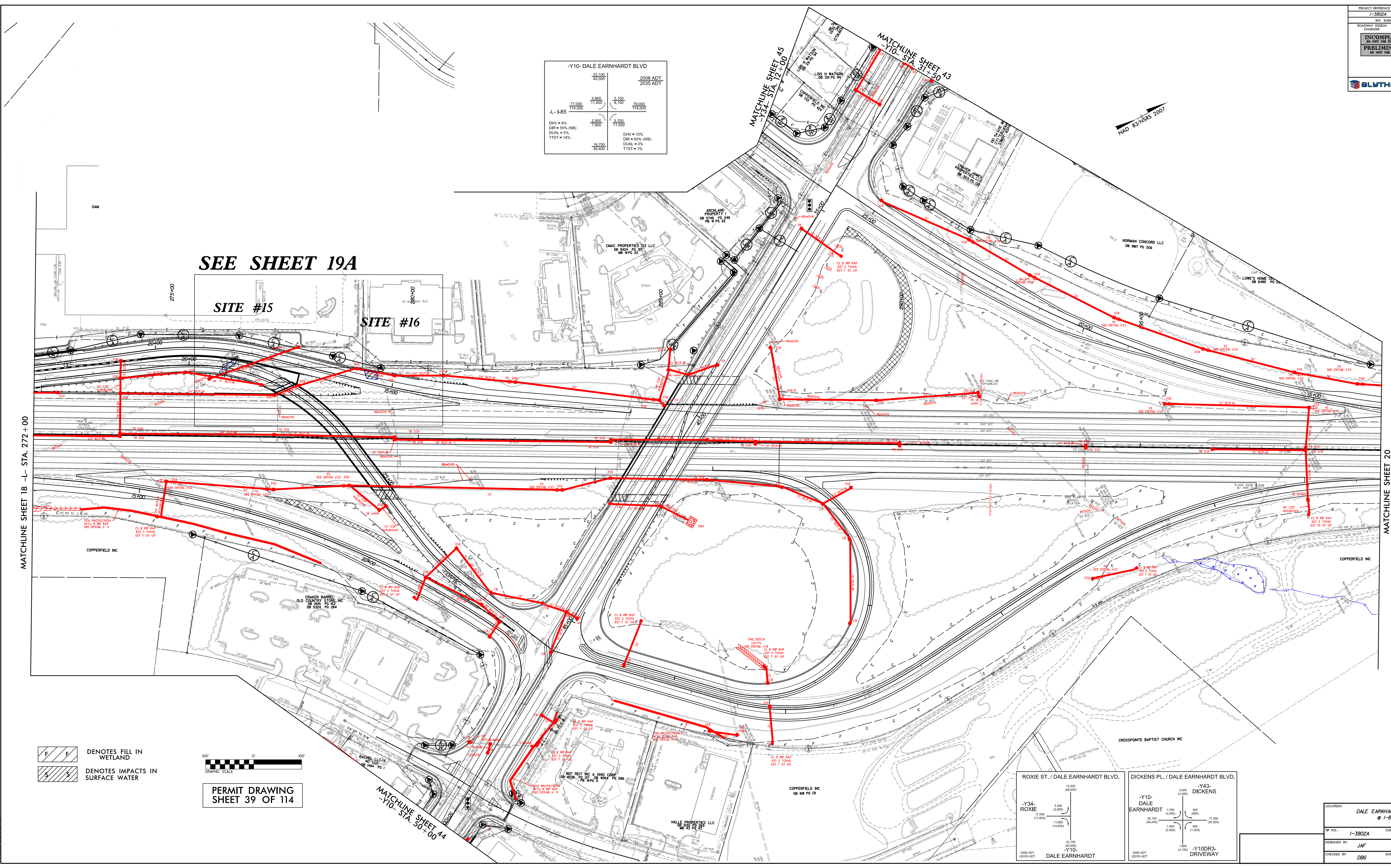
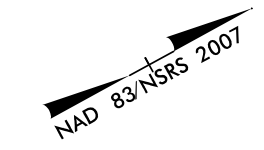
WETLAND

SITE #14

SYSTEMS  
 CONSULTING  
 ENGINEERS  
 INC.



-Y10- DALE EARNHARDT BLVD			
	28,000	40,000	2008 ADT
			2035 ADT
-L- I-85	5,900	5,100	79,000
	77,000	11,900	172,000
DIV = 9%	2,900	5,700	
DR = 55% (NB)	7,300	11,500	
DUAL = 5%			
TTST = 14%			
	18,700		
	38,400		



**SEE SHEET 19A**

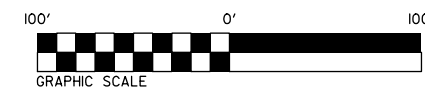
**SITE #15**

**SITE #16**

MATCHLINE SHEET 18 -L- STA. 272 + 00

MATCHLINE SHEET 20 -L- STA. 300 + 00

DENOTES FILL IN WETLAND  
 DENOTES IMPACTS IN SURFACE WATER



PERMIT DRAWING  
SHEET 39 OF 114

MATCHLINE SHEET 44 -Y10- STA. 50 + 00

ROXIE ST. / DALE EARNHARDT BLVD.			
	15,000	28,000	2008 ADT
			2035 ADT
-Y34- ROXIE	9,200	9,200	17,000
	17,000	11,800	14,800
DIV = 9%			
DR = 55% (NB)			
DUAL = 5%			
TTST = 14%			
	22,100		
	40,000		

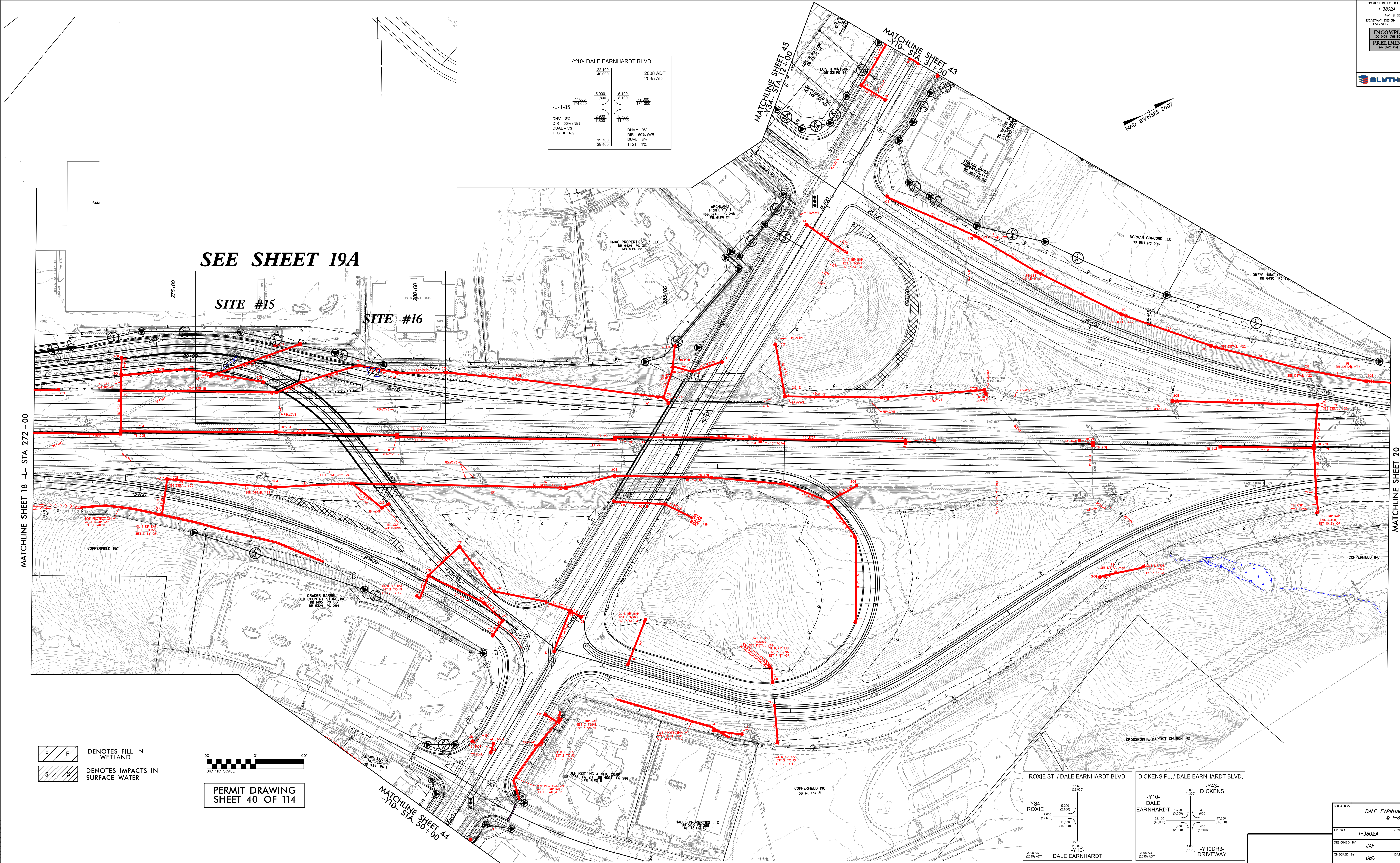
DICKENS PL. / DALE EARNHARDT BLVD.			
	2,900	4,300	2008 ADT
			2035 ADT
-Y43- DICKENS	1,700	300	17,300
	(3,900)	(900)	(16,000)
DIV = 9%			
DR = 55% (NB)			
DUAL = 5%			
TTST = 14%			
	1,800		
	(4,100)		

LOCATION: DALE EARNHARDT BLVD.  
 @ I-85  
 SHEET NO.: I-3802A COUNTY: CABARRUS & ROWAN  
 DESIGNED BY: JAF  
 CHECKED BY: DBG DATE: 1/28/2015



PROJECT REFERENCE NO.	SHEET NO.
I-3802A	19
REV. SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>INCOMPLETE PLANS</b> DO NOT USE FOR AS-BUILT ACCEPTANCE	
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	
<b>BLUTHÉ</b>	

-Y10- DALE EARNHARDT BLVD			
	25,000	2008 ADT	40,000
	5,000	2035 ADT	10,000
-L- I-85	77,000	11,000	8,100
	174,000	79,000	172,000
DIV = 9%	2,900	5,700	
DR = 55% (NB)	7,300	11,500	
DUAL = 5%			
TTST = 14%			
	18,700		
	38,400		
DIV = 10%			
DR = 65% (WB)			
DUAL = 3%			
TTST = 1%			



**SEE SHEET 19A**

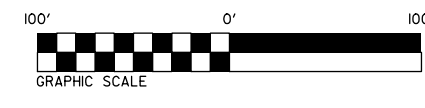
**SITE #15**

**SITE #16**

MATCHLINE SHEET 18 -L- STA. 272 + 00

MATCHLINE SHEET 20 -L- STA. 300 + 00

- DENOTES FILL IN WETLAND
- DENOTES IMPACTS IN SURFACE WATER



PERMIT DRAWING  
SHEET 40 OF 114

MATCHLINE SHEET 44 -Y10- STA. 50 + 00

ROXIE ST. / DALE EARNHARDT BLVD.			
	15,000	2,000	2,000
	(28,000)	(3,000)	(3,000)
-Y34- ROXIE	5,200	1,700	300
	(2,000)	(3,000)	(600)
	17,000	14,000	17,300
	(17,000)	(14,000)	(16,000)
2008 ADT			
(2035) ADT			
-Y10- DALE EARNHARDT			

DICKENS PL. / DALE EARNHARDT BLVD.			
	2,000	300	17,300
	(4,000)	(600)	(16,000)
-Y10- DALE EARNHARDT	1,700	400	1,300
	(3,000)	(1,200)	
2008 ADT			
(2035) ADT			
-Y10DR3- DRIVEWAY			

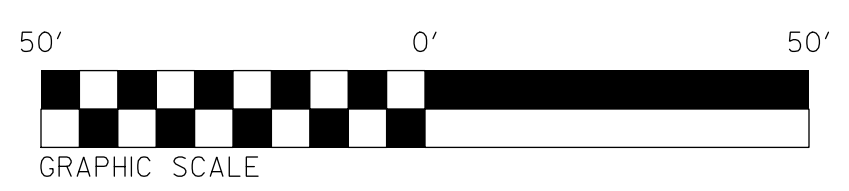
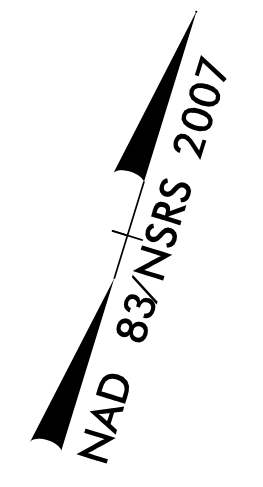
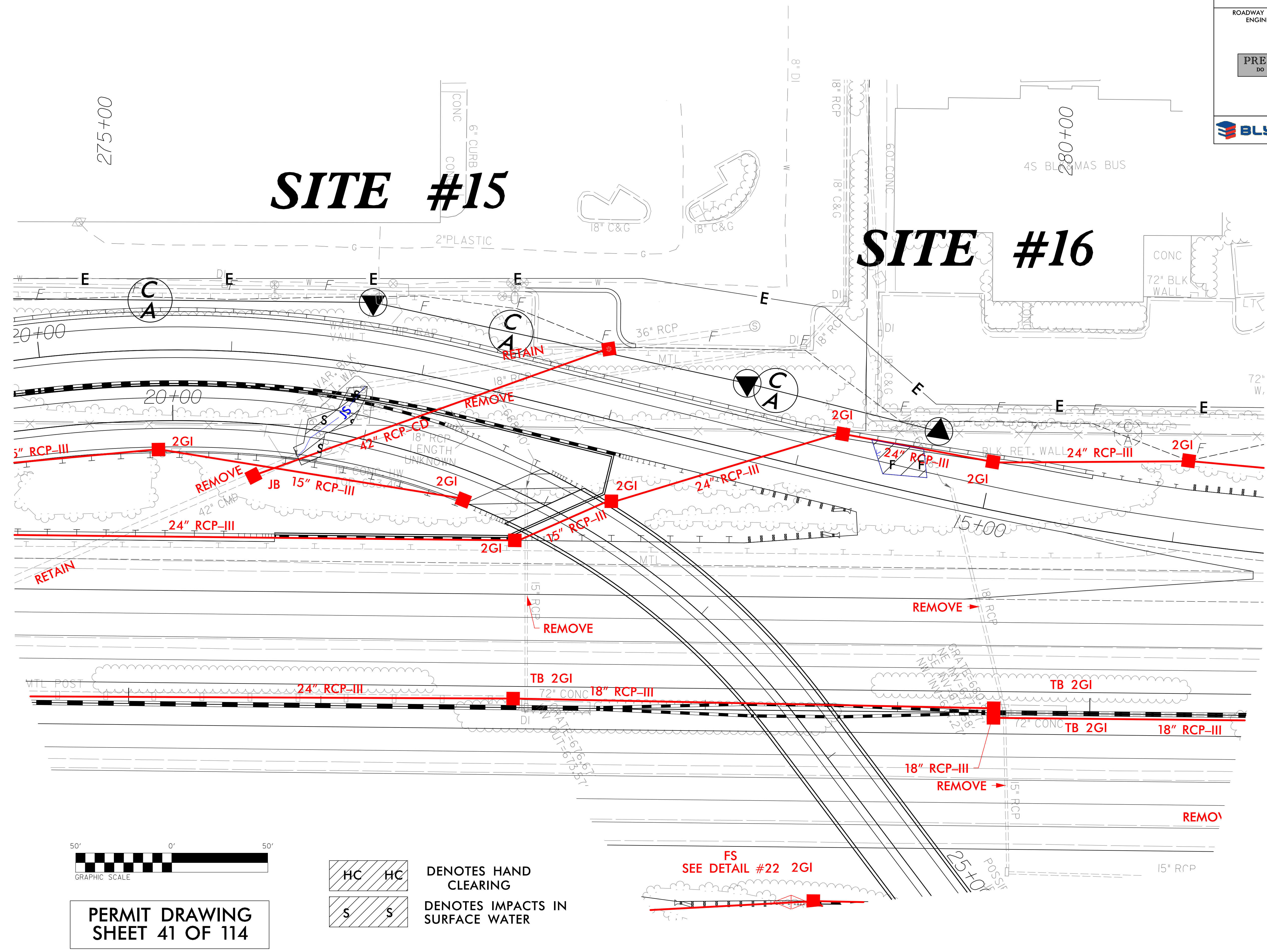
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PROJECT NO.:	I-3802A	COUNTY:	CABARRUS & ROWAN
DESIGNED BY:	JAF		
CHECKED BY:	DBG	DATE:	1/28/2015



PROJECT REFERENCE NO. I-3802A	SHEET NO. 19A
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	

# SITE #15

# SITE #16



**PERMIT DRAWING  
SHEET 41 OF 114**

- DENOTES HAND CLEARING
- DENOTES IMPACTS IN SURFACE WATER

**FS  
SEE DETAIL #22 2GI**

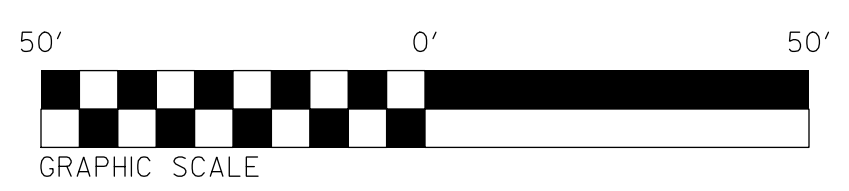
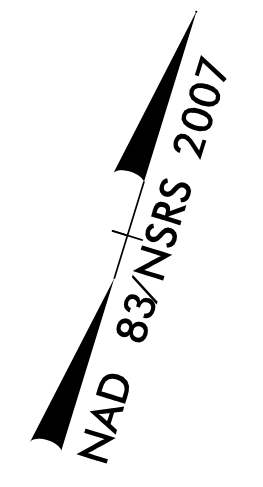
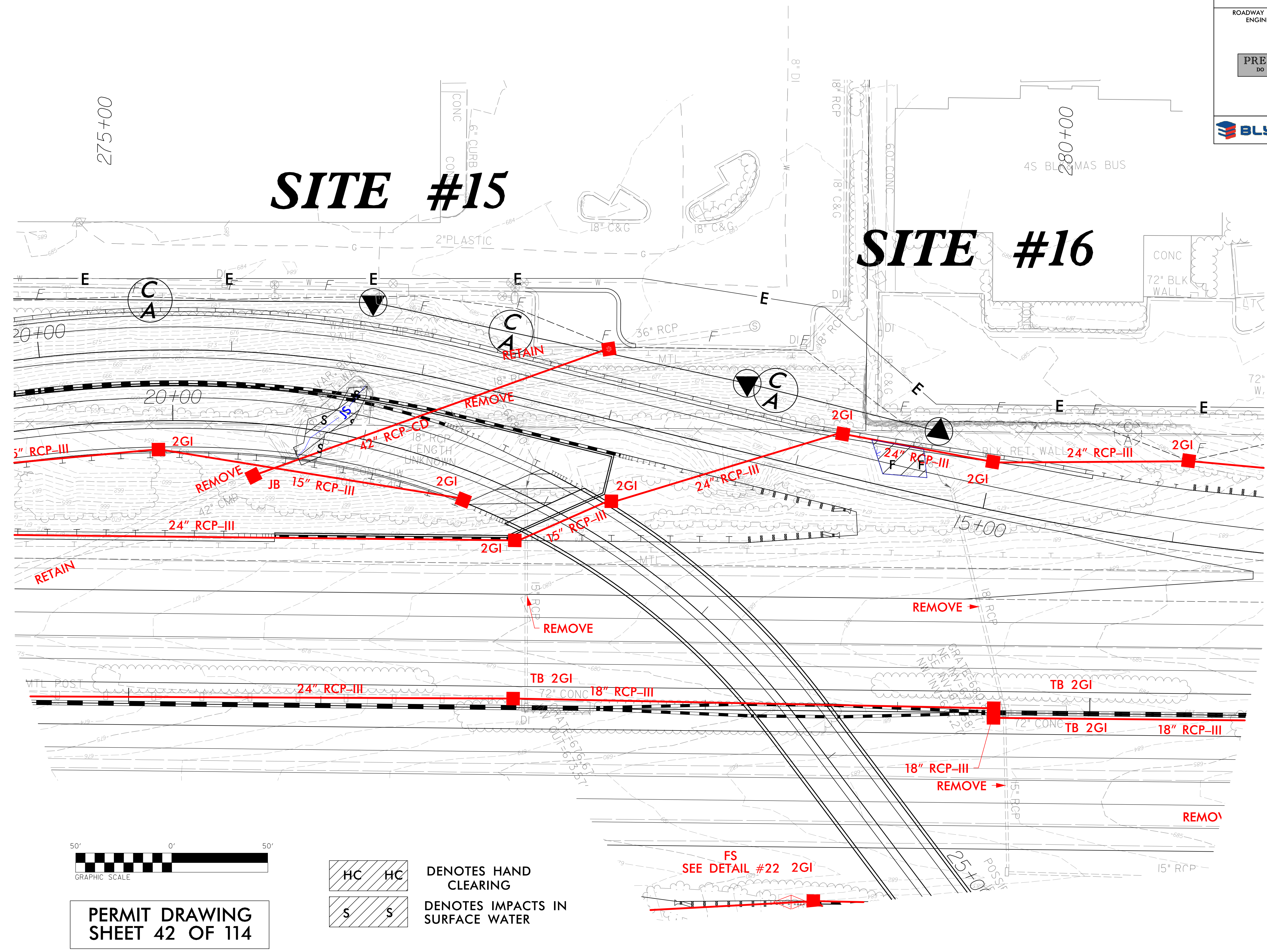
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 PARSONS BRINCKERHOFF



PROJECT REFERENCE NO. I-3802A	SHEET NO. 19A
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	

# SITE #15

# SITE #16



**PERMIT DRAWING  
SHEET 42 OF 114**

- DENOTES HAND CLEARING
- DENOTES IMPACTS IN SURFACE WATER

**FS  
SEE DETAIL #22 2GI**

8/17/99  
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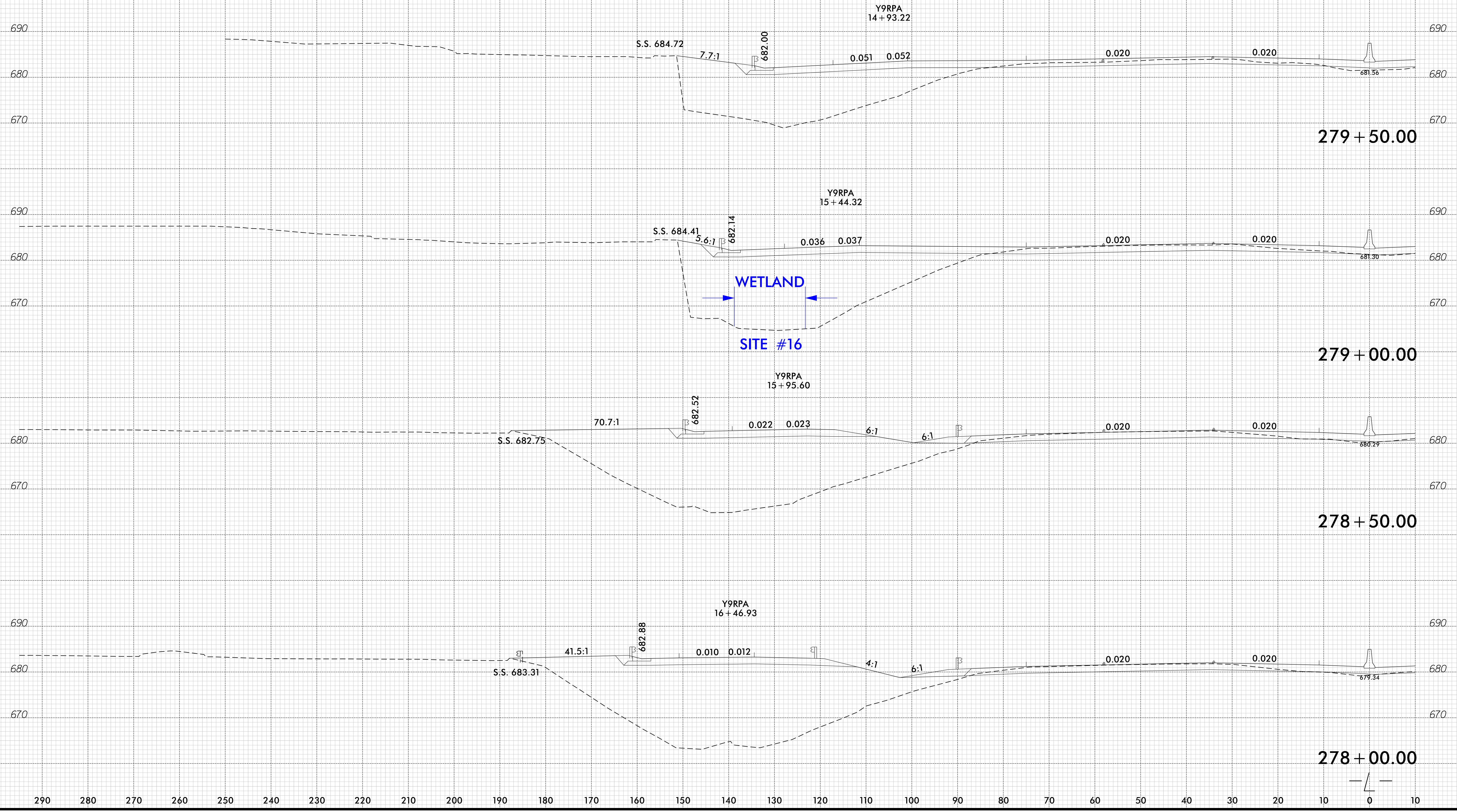


8/23/99

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	I-3802A	X-112

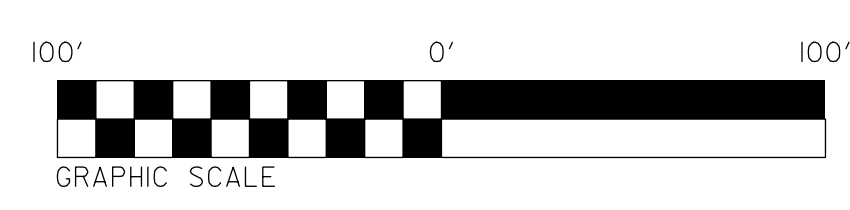
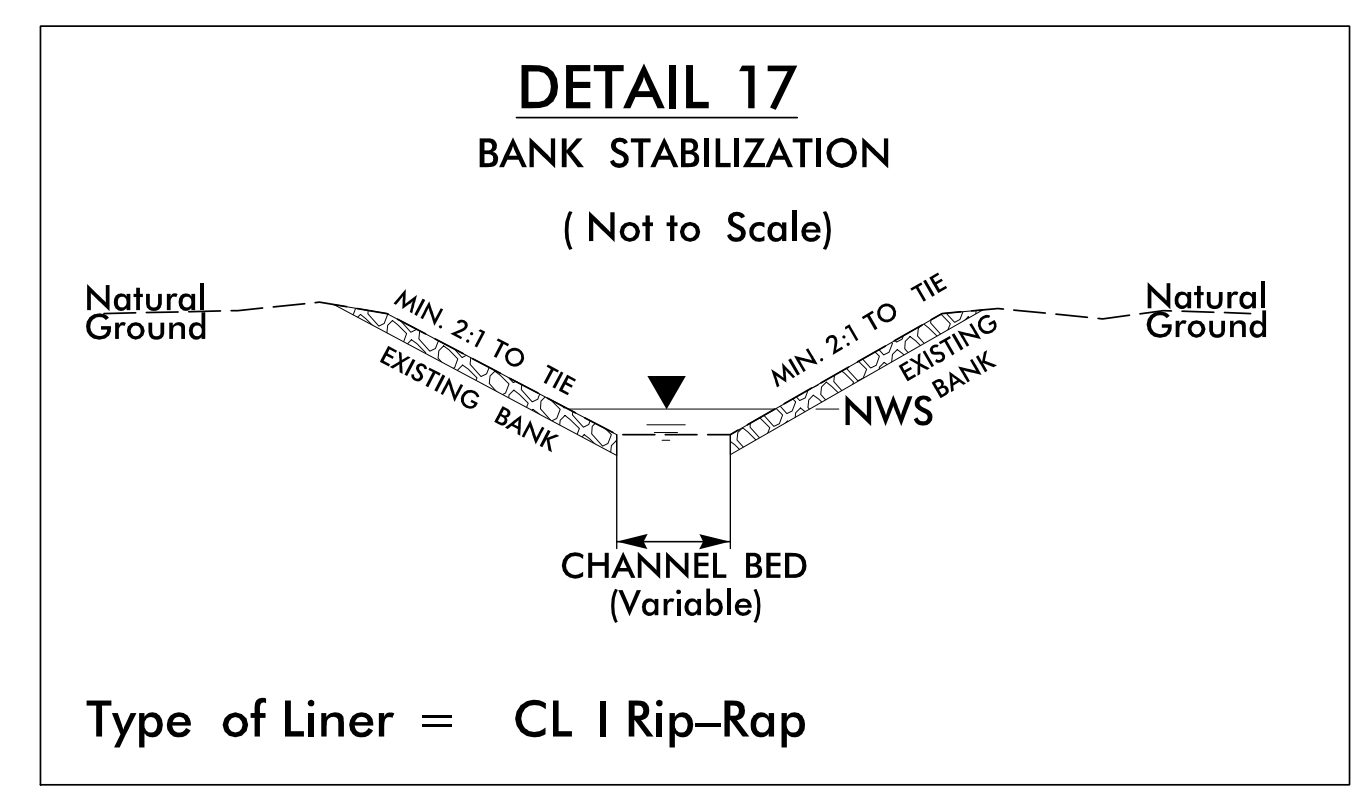
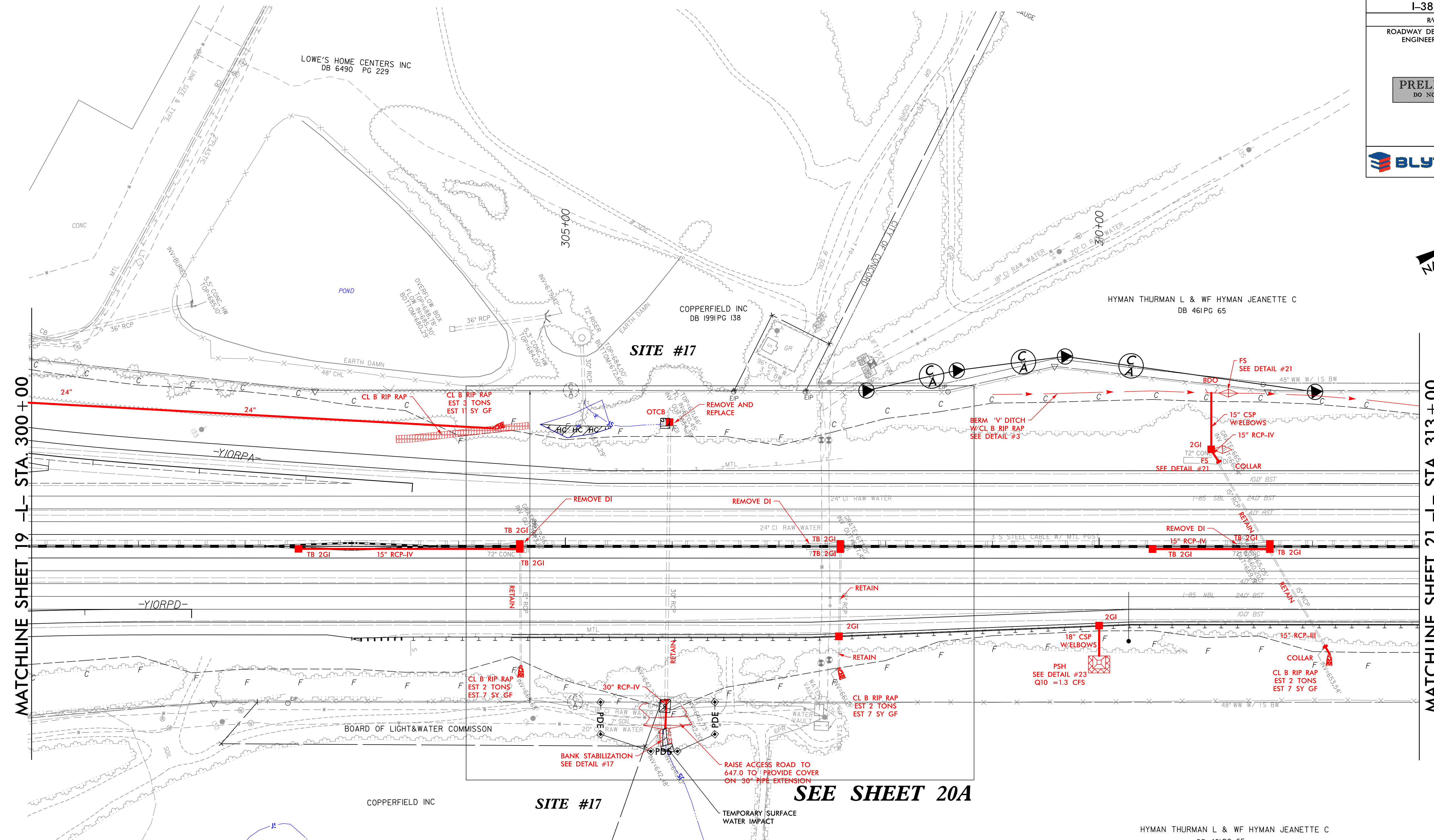
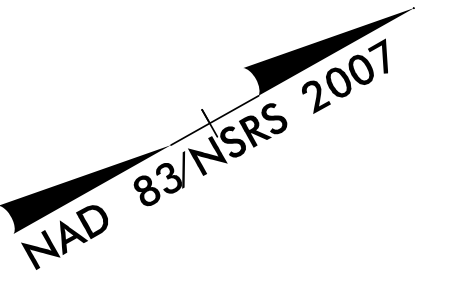
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PERMIT DRAWING  
SHEET 43 OF 114



SYSTEMS  
CONSTRUCTION  
CORPORATION  
1111  
AVENUE  
SUITE  
100  
DALLAS  
TEXAS  
75201



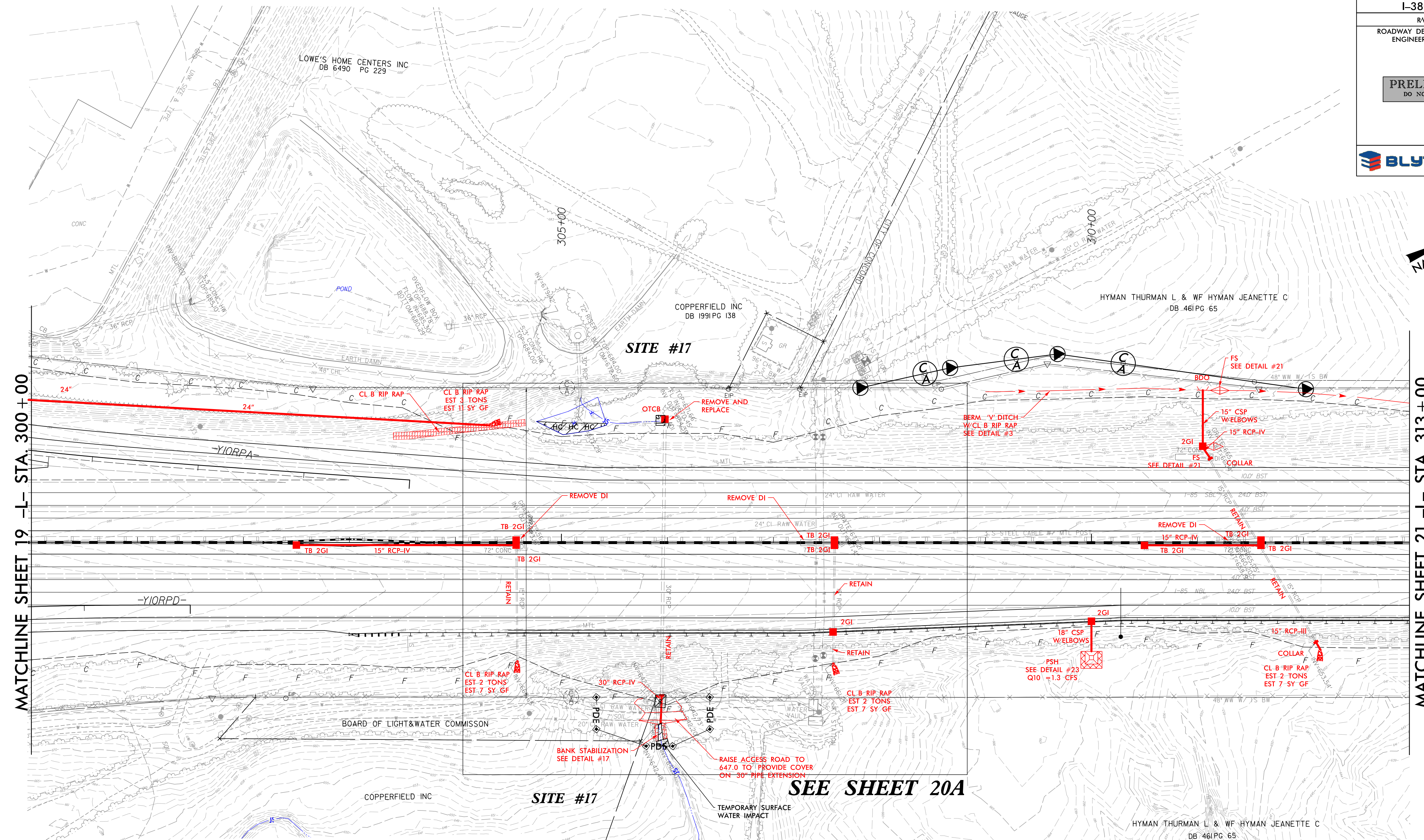
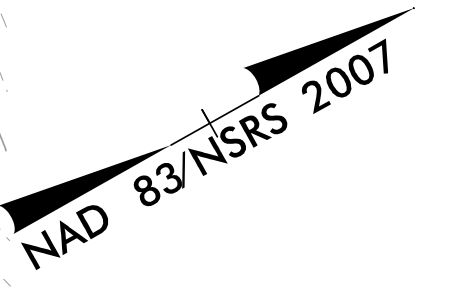


**PERMIT DRAWING SHEET 44 OF 114**

- DENOTES HAND CLEARING
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES IMPACTS IN SURFACE WATER

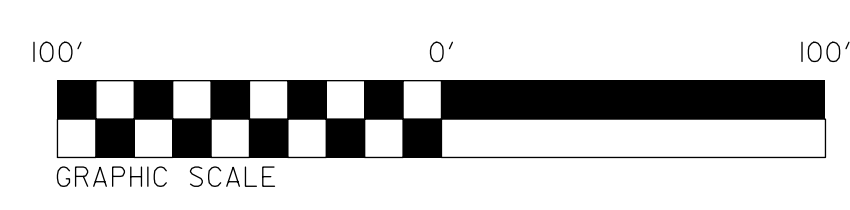
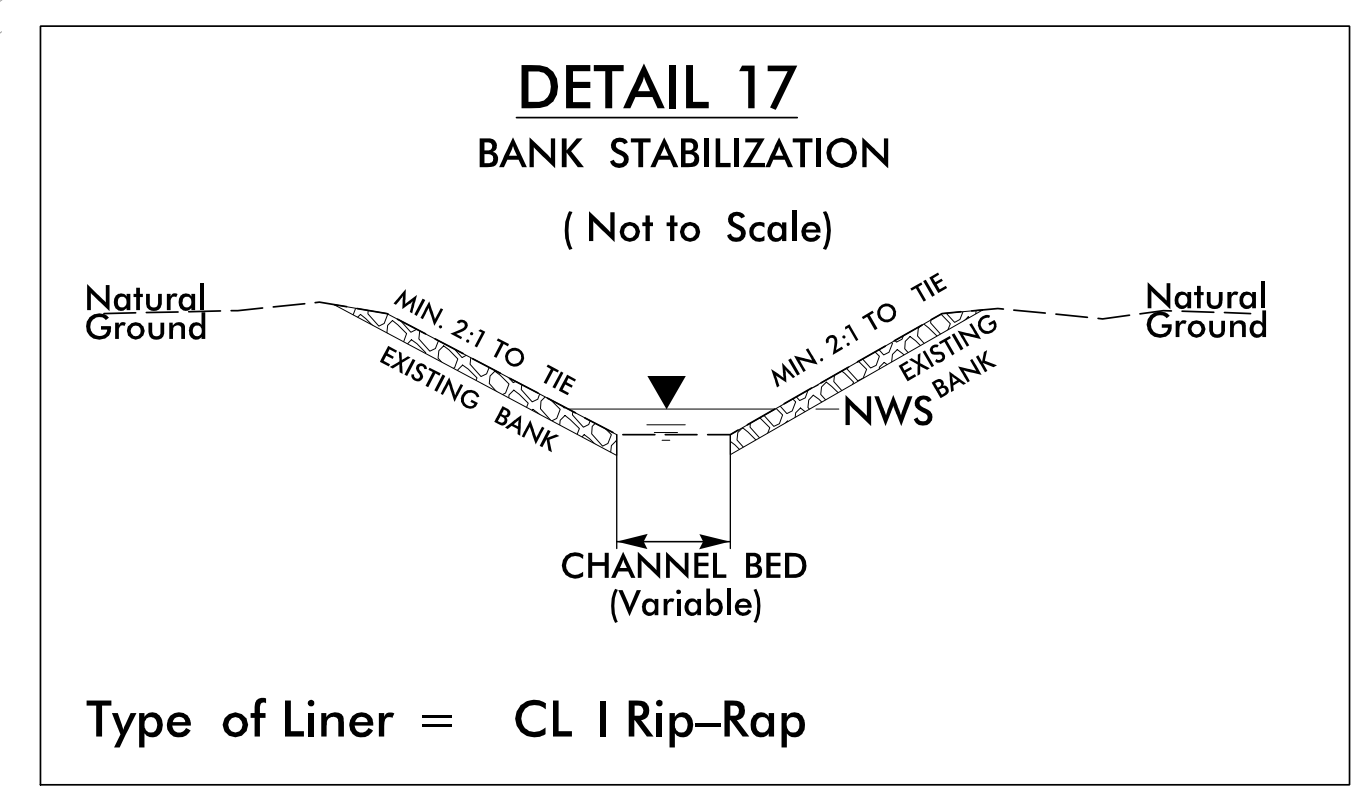
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 PARSONS BRINCKERHOFF





MATCHLINE SHEET 19 -L- STA. 300+00

MATCHLINE SHEET 21 -L- STA. 313+00



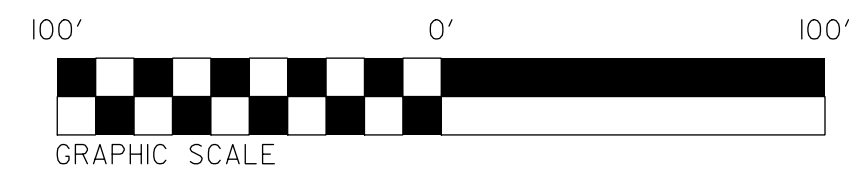
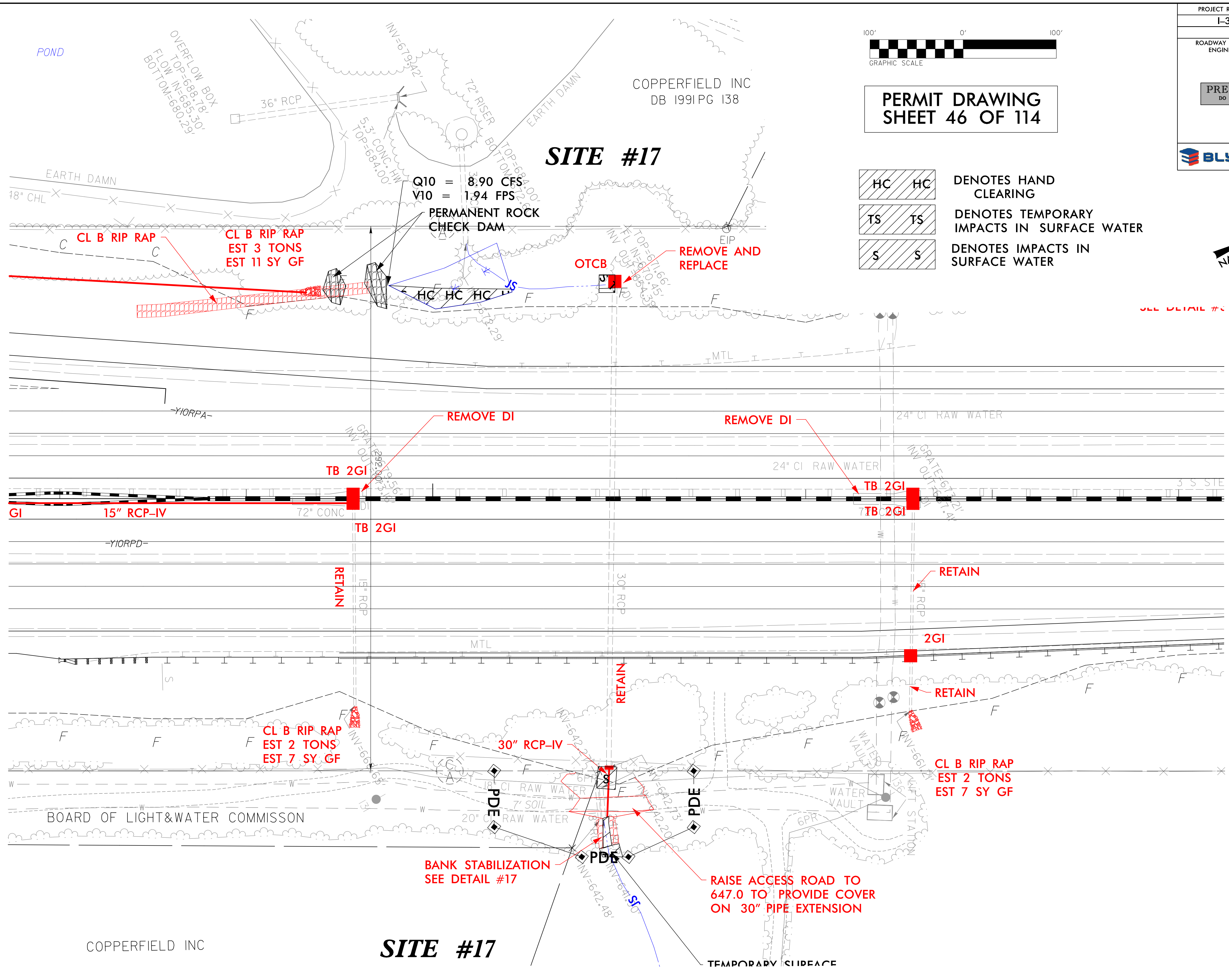
**PERMIT DRAWING**  
**SHEET 45 OF 114**

- DENOTES HAND CLEARING
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES IMPACTS IN SURFACE WATER

8/17/99  
1/28/2015  
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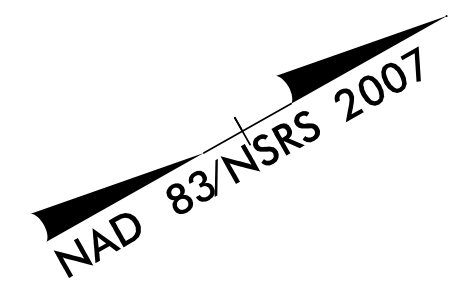


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PARSONS BRINCKERHOFF



PERMIT DRAWING  
SHEET 46 OF 114

PROJECT REFERENCE NO. I-3802A	SHEET NO. 20A
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
BLYTHE PARSONS BRINCKERHOFF	



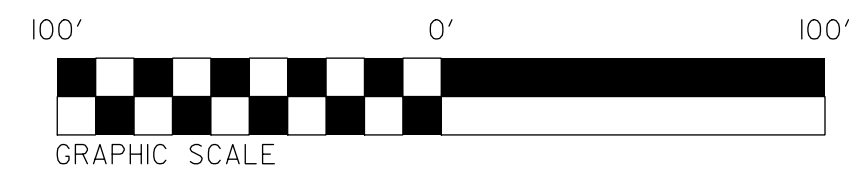
COPPERFIELD INC  
**SITE #17**

TEMPORARY SLIDEFACE



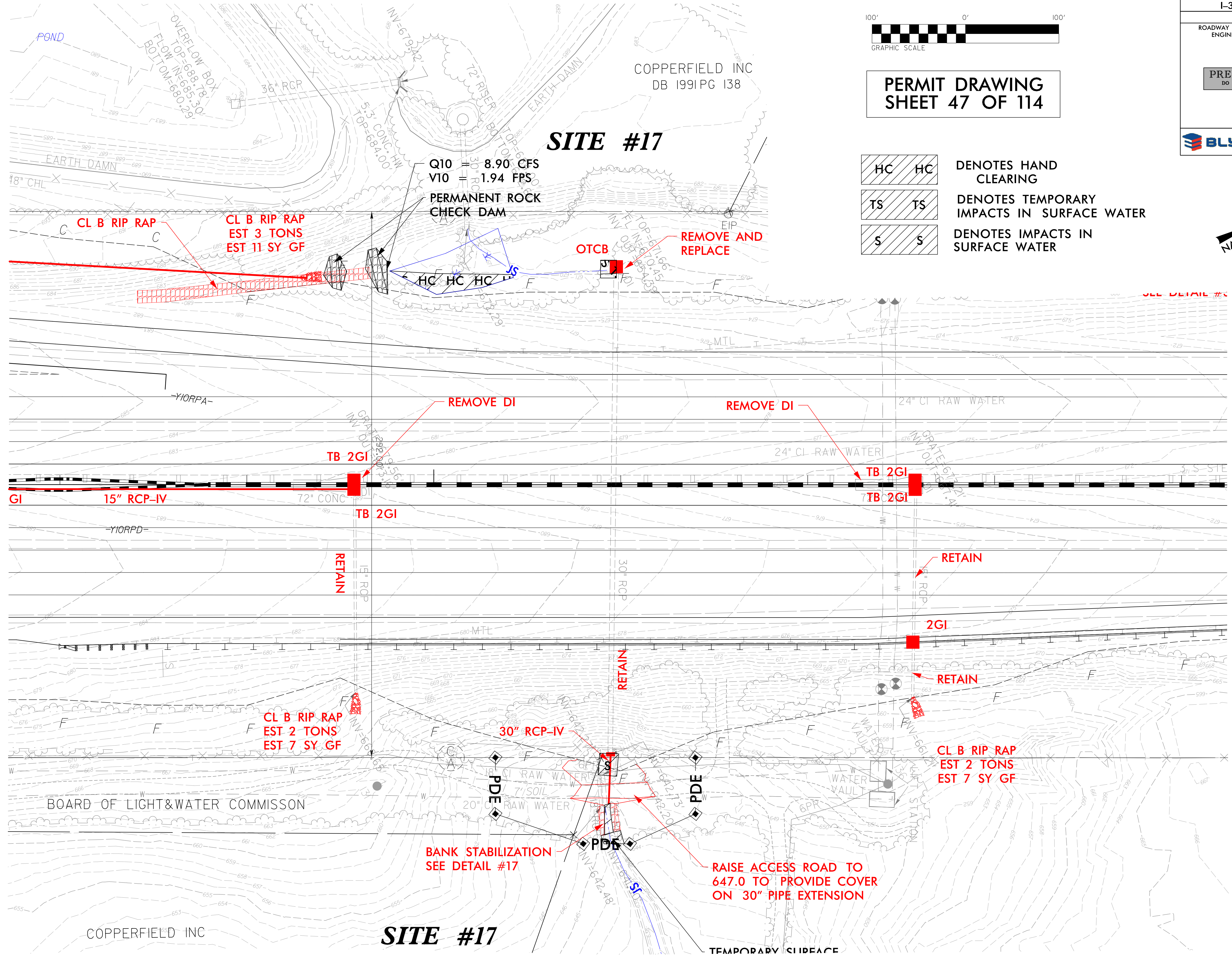
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PARSONS BRINCKERHOFF

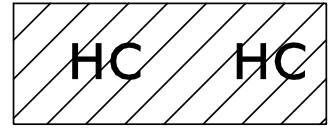
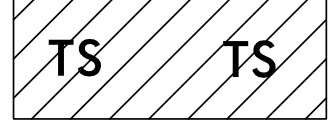

PROJECT REFERENCE NO. <b>I-3802A</b>	SHEET NO. <b>20A</b>
RAW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	
<b>BLYTHE PARSONS BRINCKERHOFF</b>	

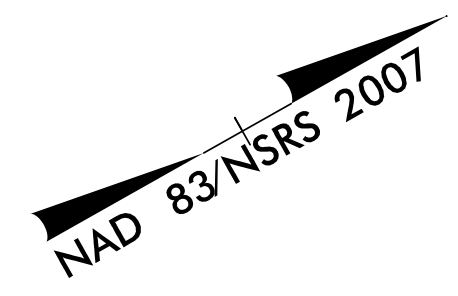


**PERMIT DRAWING SHEET 47 OF 114**

**SITE #17**



-  DENOTES HAND CLEARING
-  DENOTES TEMPORARY IMPACTS IN SURFACE WATER
-  DENOTES IMPACTS IN SURFACE WATER



**SITE #17**

TEMPORARY SLIPFACE

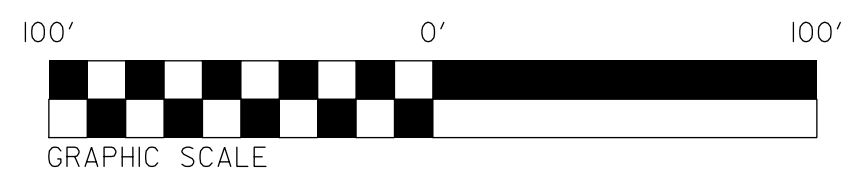






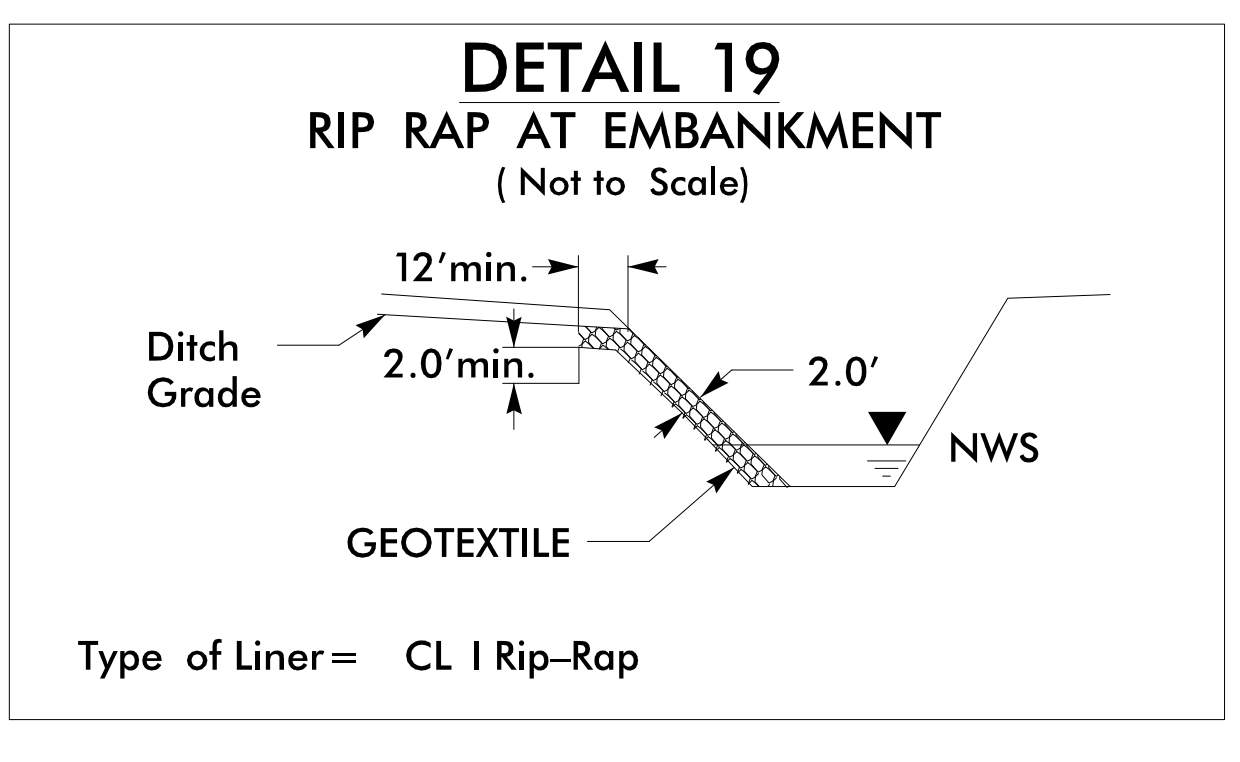
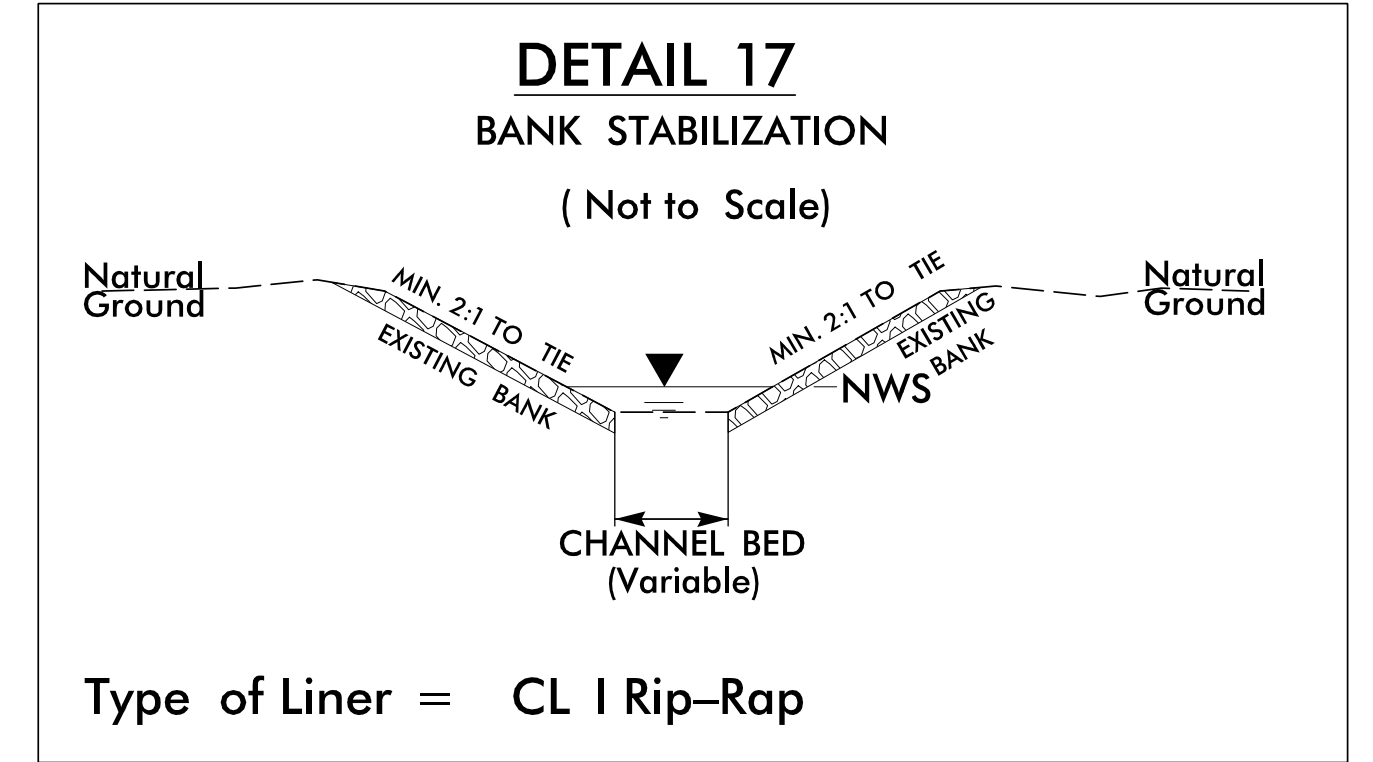
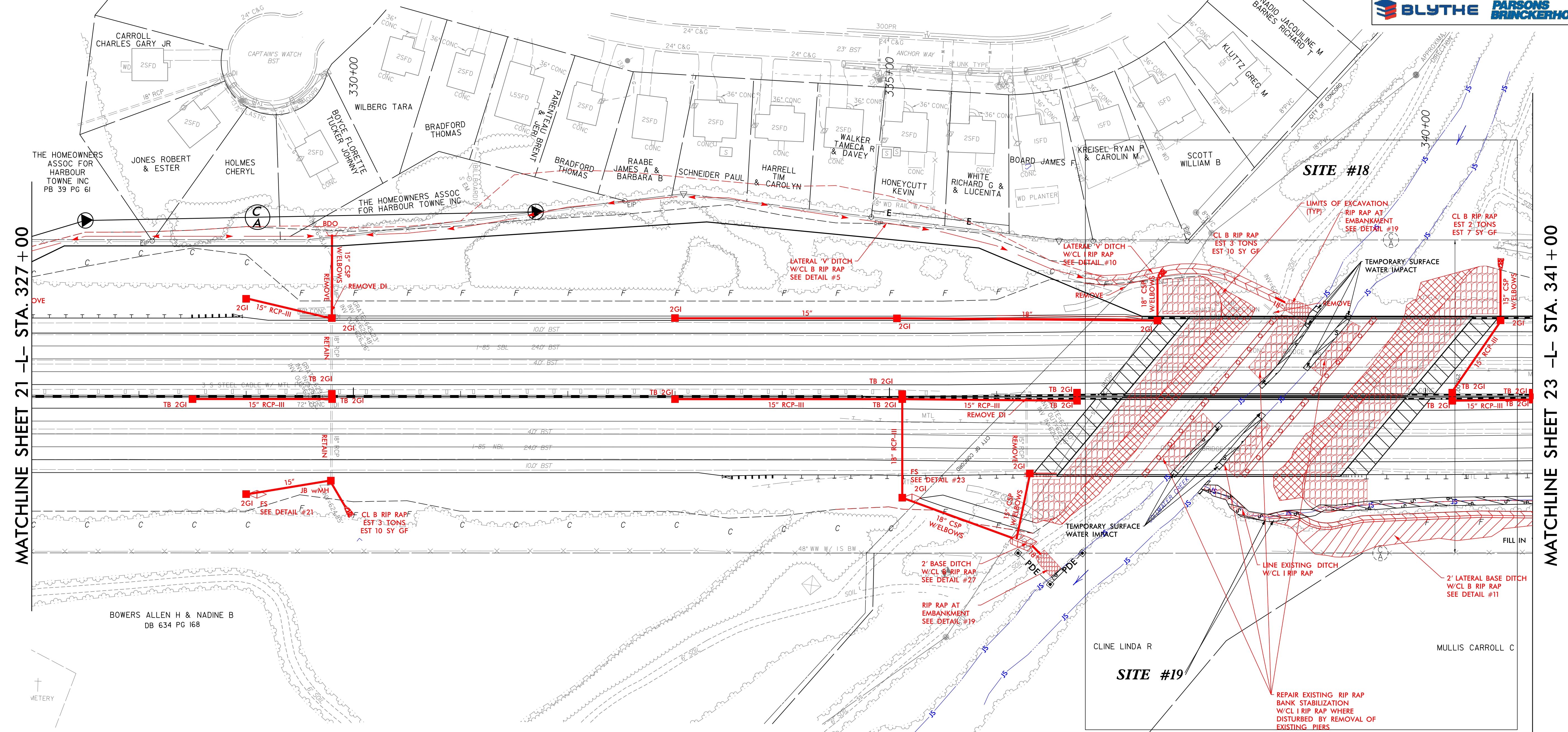
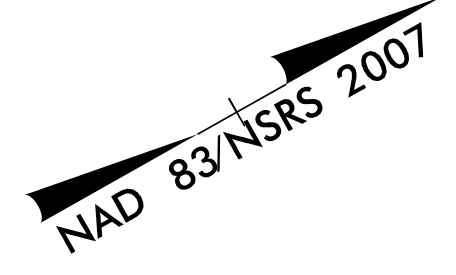
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 PARSONS BRINCKERHOFF

PROJECT REFERENCE NO.	SHEET NO.
I-3802A	22
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	



**PERMIT DRAWING  
SHEET 49 OF 114**

DENOTES TEMPORARY IMPACTS IN SURFACE WATER  
 DENOTES IMPACTS IN SURFACE WATER



**SEE SHEET 22A**

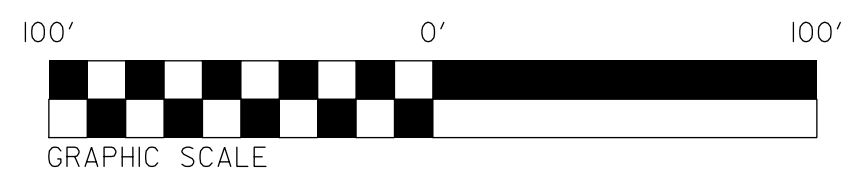
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MATCHLINE SHEET 21 -L- STA. 327+00



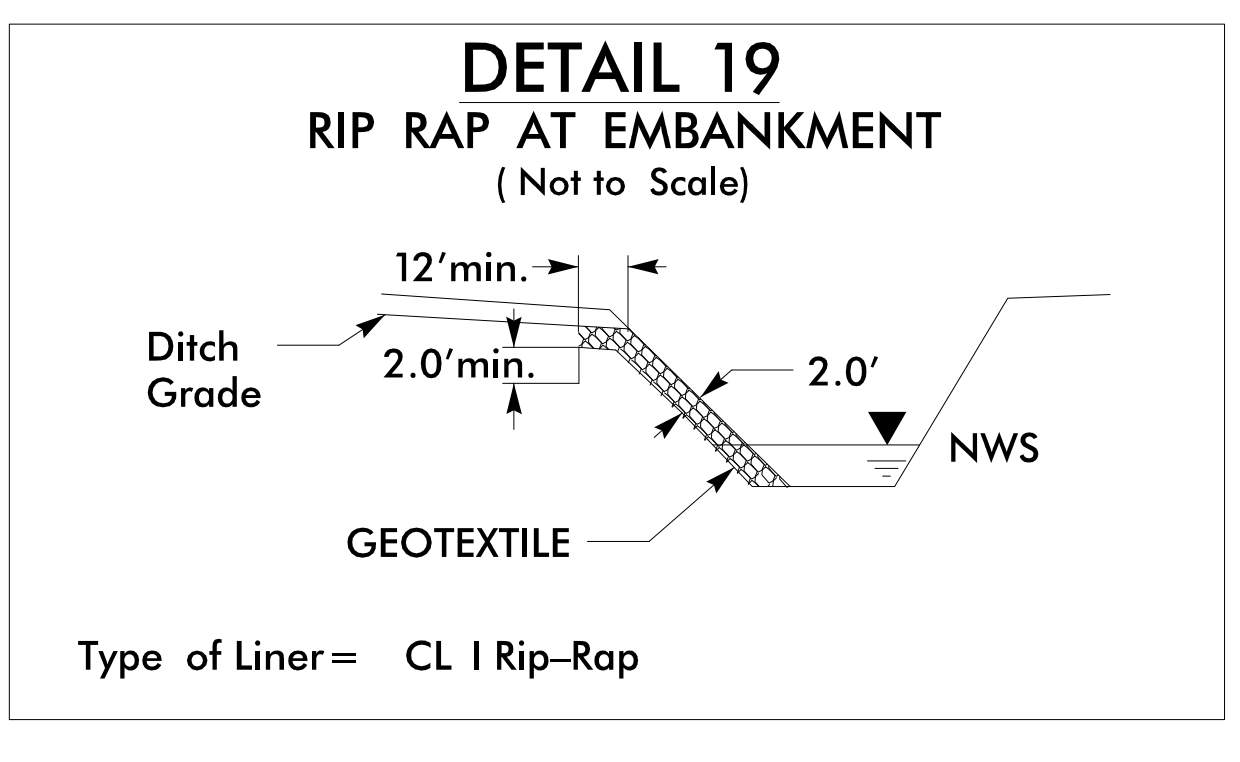
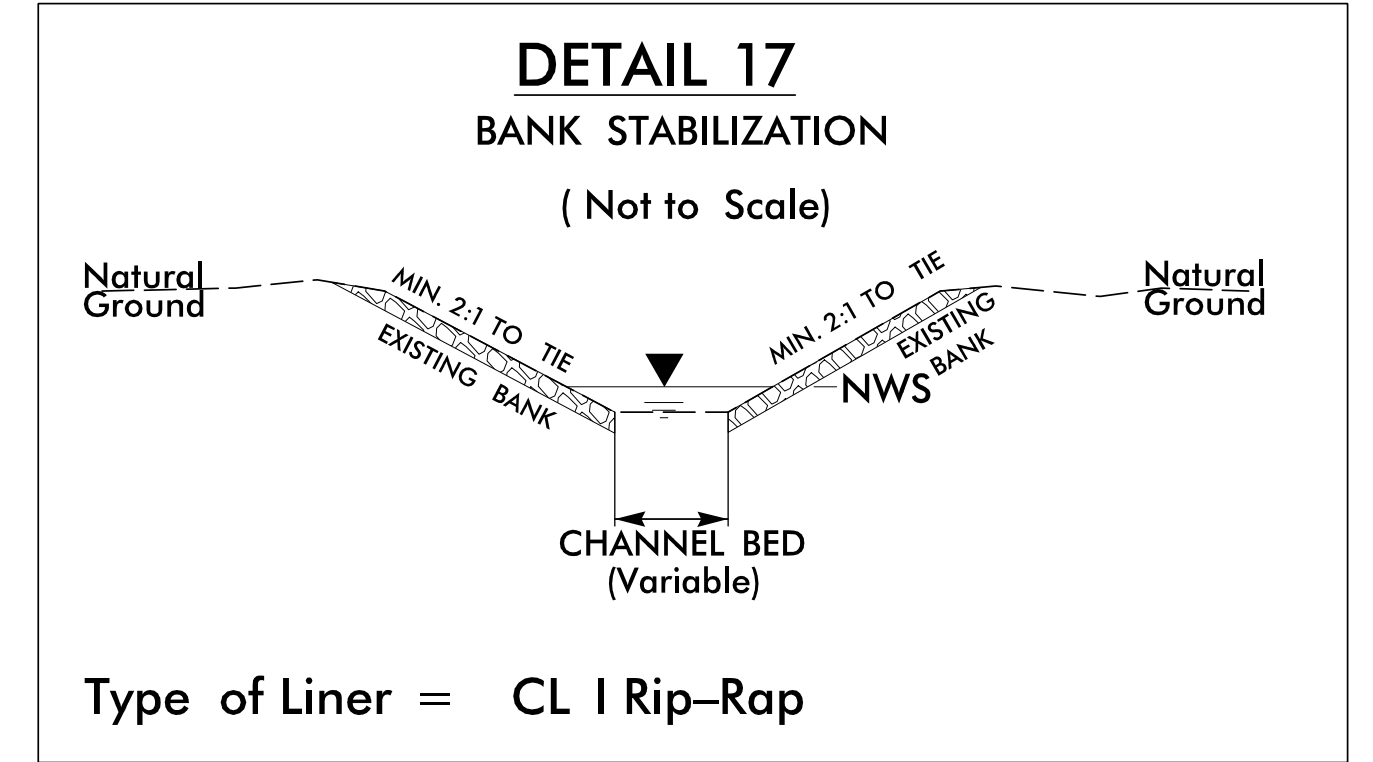
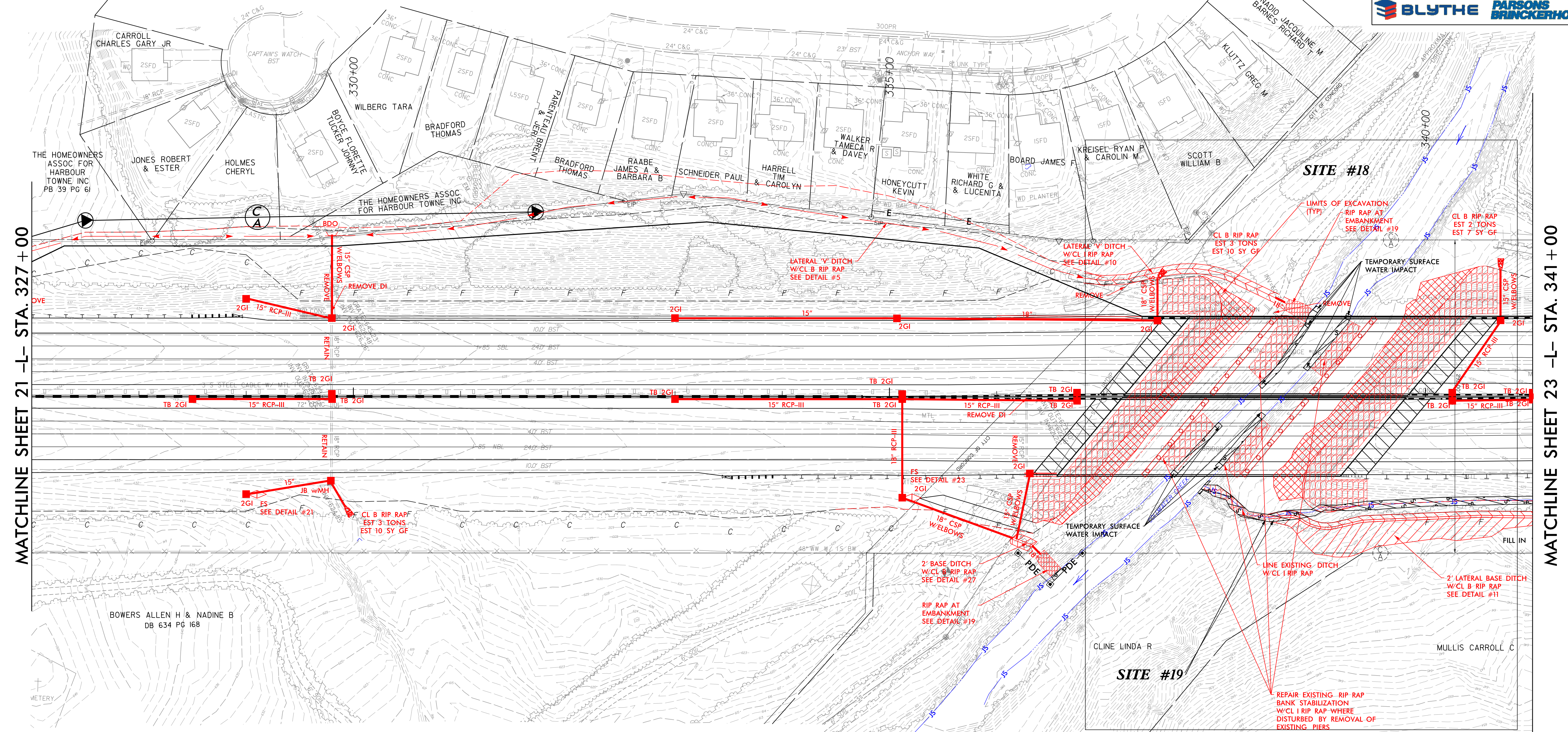
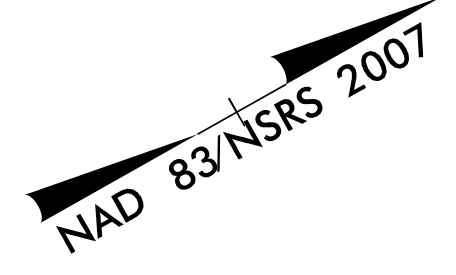
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PARSONS BRINCKERHOFF

PROJECT REFERENCE NO. <b>I-3802A</b>	SHEET NO. <b>22</b>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	
<b>BLYTHE PARSONS BRINCKERHOFF</b>	



**PERMIT DRAWING SHEET 50 OF 114**

**TS TS** DENOTES TEMPORARY IMPACTS IN SURFACE WATER  
**S S** DENOTES IMPACTS IN SURFACE WATER



**SEE SHEET 22A**

MATCHLINE SHEET 21 -L- STA. 327+00

MATCHLINE SHEET 23 -L- STA. 341+00